



CITY OF
Millersburg

A COMMUNITY LINKING
AGRICULTURE AND INDUSTRY

Capital Improvements Plan

City of Millersburg

2022-2026

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Introduction

Strategic Planning and Decisions

The City of Millersburg Strategic Plan consists of a mission statement, vision, and six strategic priorities, which are each supported by goals and objectives. Our mission statement and vision are founded on basic values that guide our decisions.

Mission Statement: Providing a strong industrial base to maintain a quality, small-town atmosphere.

Vision: A community which values its strong industrial base and economic development that supports its ability to maintain a small-town atmosphere by providing funding for excellent services, resulting in a safe and healthy environment for residents

The six Strategic Priorities are:

1. **Governance** – Millersburg is governed in a way that supports the needs of its growing residential base, businesses, and industry.
2. **Safety** – Provide effective emergency services to the community.
3. **Development** – Development of residential, commercial, and industrial properties as a planned and managed process.
4. **Public Infrastructure** – City infrastructure systems are designed, constructed, and maintained to meet current and future needs.
5. **Recreation** – A community that supports recreational and social activities for all ages.
6. **Environmental Stewardship** – Millersburg promotes sustainability through efficient management of natural resources.

Our principle and vision statements must be upheld by and guide the decision-making process when determining planned projects and expenditures. The visions and values of the Strategic Plan are the basis for the projects proposed in this Capital Improvement Program (CIP).

Financial Planning

The Capital Improvement Program (CIP) is a planning document that identifies capital projects in the next five-year horizon for elected officials, citizens, and staff. The first year of the CIP will be the basis for developing the capital portion of the forthcoming City Budget for the year. This CIP shows the total cost of a project in the year it is funded. Once a project appears in the first year of the CIP and makes it into the budget, it does not appear again in the CIP because the project has moved beyond the planning phase.

How to Use This Report

Each section of the report deals with a major infrastructure service the city provides. You will find separate sections for parks, public facilities, transportation, stormwater, wastewater, and water.

Each project scheduled over the next five years is individually identified. Each project shows the total cost and the sources of money used to pay for it. Each project has a unique CIP identification number attached to it.

The CIP Process

This report is distributed to the City Council and Budget Committee, and copies are made available to the public at City Hall and on the city's website. During the first Budget Committee meeting the proposed project list will be reviewed and an opportunity will be provided to ask questions to clarify issues and information. The CIP will be revised as necessary and the final Program adopted along with the City Budget. This final version is the basis for projects found in the City Budget.

Finances

Paying for Capital Projects

The city has operating and reserve funds which can be used to fund projects, however there is not enough money for all the projects the city needs or would like to do. In most cases the source of money determines which projects get included. For instance, Water Fund revenue can only be spent on water projects. The money each of these funds receives must be spent for the purposes for which the fund was created.

Sources of Funding

The table below shows the relative breakdown of funding sources for all the projects contained in the 2022-2026 CIP.

This chart shows a projection of funds needed for projects in any given year. Any given project can have funding from more than one source. For instance, a sewer upgrade project may be funded by a combination of Sewer Rate revenue and Sewer System Development Charges (SDC) revenue. Each project in this CIP will have funding sources identified.

A fund is an accounting term that denotes a stand-alone operation that has its own set of accounting books. Even though it is part of the city, for financial purposes it operates as a separate service.

Projected Cost Totals by Funding Source

FUNDING SOURCE	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
GF Beginning Balance	\$153,000	\$880,000	\$74,000	\$0	\$0	\$1,107,000
SDC-I Streets	\$0	\$513,000	\$0	\$839,000	\$0	\$1,352,000
SDC-R Streets	\$0	\$0	\$0	\$685,000	\$0	\$685,000
SDC-I Sewer	\$0	\$217,000	\$0	\$0	\$0	\$217,000
SDC-I Water	\$0	\$169,000	\$0	\$0	\$0	\$169,000
SDC-R Water	\$400,000	\$100,000	\$0	\$0	\$0	\$500,000
SDC-I Parks	\$0	\$100,000	\$28,000	\$301,000	\$0	\$429,000
SDC-R Parks	\$0	\$0	\$0	\$0	\$0	\$0
Highway Use Tax	\$0	\$0	\$0	\$0	\$0	\$0
Highway Use Tax – Bike/Ped	\$0	\$20,000	\$0	\$0	\$0	\$20,000
Street Reserves	\$15,000	\$301,000	\$0	\$0	\$0	\$316,000
Perlenfein Zuhlke Lane Reservation	\$96,300	\$0	\$0	\$0	\$0	\$96,300
Suniga Millersburg Drive Reservation	\$0	\$0	\$0	\$341,000	\$0	\$341,000
Stormwater Reserves	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Rates/Operating Revenues	\$40,000	\$346,000	\$0	\$0	\$0	\$386,000
Water Rates/Operating Revenues	\$0	\$0	\$0	\$0	\$0	\$0
Grants	\$132,000	\$0	\$0	\$0	\$0	\$132,000
Settlement Proceeds	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL:	\$836,300	\$2,646,000	\$102,000	\$2,166,000	\$0	\$5,750,300

The Five-Year Plan

The following table shows the total cost of projects authorized in each of the next five years for each major category of capital projects.

Occasionally new issues, changing cost and revenue realities, or shifts in city priorities will cause a project, or a number of projects, to be either bumped forward or back in the five-year schedule. Any changes of this nature would be reflected in future CIP documents.

Projected Cost Totals by Category

CATEGORY	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Parks	\$160,000	\$950,000	\$102,000	\$301,000	\$0	\$1,513,000
Public Facilities	\$25,000	\$30,000	\$0	\$0	\$0	\$55,000
Transportation	\$211,300	\$834,000	\$0	\$1,865,000	\$0	\$2,910,300
Stormwater	\$0	\$0	\$0	\$0	\$0	\$0
Wastewater	\$40,000	\$217,000	\$0	\$0	\$0	\$257,000
Water	\$400,000	\$615,000	\$0	\$0	\$0	\$1,015,000
GRAND TOTALS:	\$836,300	\$2,646,000	\$102,000	\$2,166,000	\$0	\$5,750,300

Parks

A Path Forward

Strategy 5 of the Strategic Plan states, “Millersburg is a community that strives to support community recreational and social activities for all ages.” In accordance with this goal the Millersburg City Council formed a Parks Committee in 2017 and began development of a Parks Master Plan in 2018.

The Parks Master Plan was completed and adopted in April 2020. Now that the Parks Master Plan is complete, it will guide the city’s investment in park acquisition, renovation, and facility improvements. In 2021 a System Development Charge (SDC) study was completed and new parks SDC charges were adopted in September 2021. Parks projects may be funded by a mix of funds from outside grants, private donations, Parks SDCs, and the general fund.

The capital projects from the Parks Master Plan are included in this CIP. The Parks Commission will evaluate the project list and guide implementation of projects going forward, as funding becomes available.

Projected Cost Totals

FUNDING SOURCE	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
GF Operating	\$0	\$0	\$0	\$0	\$0	\$0
GF Beginning Balance	\$128,000	\$850,000	\$74,000	\$0	\$0	\$1,052,000
Grant	\$32,000	\$0	\$0	\$0	\$0	\$32,000
SDC-R Parks	\$0	\$0	\$0	\$0	\$0	\$0
SDC-I Parks	\$0	\$100,000	\$28,000	\$301,000	\$0	\$429,000
GRAND TOTALS:	\$160,000	\$950,000	\$102,000	\$301,000	\$0	\$1,513,000

Funded Projects Summary & Detail

The following projects have been identified for inclusion in this five-year Capital Improvement Program.

Each project shown below is explained in detail on the pages that follow. Projects are listed in the fiscal year order they are planned to occur, and in CIP ID# order within a given fiscal year set.

CIP #	Phase Title	Projected Total
Plan Year: 2022 – 2023		
1115	NEW NEIGHBORHOOD PARK PLANNING AND DEVELOPMENT	\$40,000
1126	CITY PARK RESTROOMS AND SHELTER ROOF REPLACEMENT	\$120,000
Total for FY 2022-2023		\$160,000
Plan Year: 2023-2024		
1100	CITY PARK ADDITIONAL PAVED ACCESS PATHWAYS	\$28,000
1105	CITY PARK TENNIS COURT RESURFACING	\$34,000
1108	ACORN PARK PAVED PATHWAYS AND PICNIC TABLE PADS, ACCESSIBLE BENCHES AND PICNIC TABLES	\$32,000
1109	ACORN PARK PLAYGROUND UPDATES	\$23,000
1115	NEW NEIGHBORHOOD PARK PLANNING AND DEVELOPMENT	\$809,000
1127	CITY PARK RESTROOMS FLOOR AND WALL COATINGS	\$24,000
Total for FY 2023 – 2024		\$950,000
Plan Year: 2024 – 2025		
1103	CITY PARK NORTH BALLFIELD RENOVATION	\$57,000
1104	CITY PARK SOUTH BALLFIELD INFIELD MIX	\$17,000
1111	ACORN PARK PICNIC SHELTER	\$28,000
Total for FY 2024 – 2025		\$102,000
Plan Year: 2025 – 2026		
1107	CITY PARK ADDITIONAL PICNIC SHELTER	\$51,000
1117	ACQUISITION OF PROPERTY FOR EXPANSION OF CITY PARK	\$250,000
Total for FY 2025 – 2026		\$301,000
Plan Year: 2026 – 2027		
	NONE IDENTIFIED	\$0
Total for FY 2026 – 2027		\$0
Grand Total for Parks:		\$1,513,000

Plan FY: 2023-2024 CITY PARK ADDITIONAL PAVED ACCESS PATHWAYS
CIP Project #: 1100

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks and Recreation **Classification:** Parks

Total Cost: \$28,000

This project will add paved access pathways within City Park to improve accessibility for all.

Operating Budget Impact: Minor additional parks maintenance expenses.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
GF – BEGINNING FUND BALANCE	\$28,000
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Total:	\$28,000

Plan FY: 2024-2025 CITY PARK NORTH BALLFIELD RENOVATION

CIP Project #: 1103

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks and Recreation **Classification:** Parks

Total Cost: \$57,000

This project will construct drainage improvements in the north ball field at City Park.

Operating Budget Impact: None.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
GF – BEGINNING FUND BALANCE	\$57,000
	<hr/>
Total:	\$57,000

Plan FY: 2024-2025 CITY PARK SOUTH BALLFIELD INFIELD MIX
CIP Project #: 1104

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks and Recreation **Classification:** Parks

Total Cost: \$17,000

This project will install a new infield mix to improve the condition of the south ball field at City Park.

Operating Budget Impact: None.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
GF – BEGINNING FUND BALANCE	\$17,000
	<hr/>
Total:	\$17,000

Plan FY: 2023-2024 CITY PARK TENNIS COURT RESURFACING
CIP Project #: 1105

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks and Recreation **Classification:** Parks

Total Cost: \$34,000

This project will resurface the existing tennis court at City Park.

Operating Budget Impact: None.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
GF – BEGINNING FUND BALANCE	\$34,000
	<hr/>
Total:	\$34,000

Plan FY: 2025-2026 CITY PARK ADDITIONAL PICNIC SHELTER

CIP Project #: 1107

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks and Recreation **Classification:** Parks

Total Cost: \$51,000

This project will construct an additional picnic shelter at City Park.

Operating Budget Impact: Additional parks maintenance expenses.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
PARKS – SDC – REIMBURSEMENT FUND	\$51,000
	<hr/>
Total:	\$51,000

**Plan FY: 2023-2024 ACORN PARK PAVED ACCESS PATHWAYS, PICNIC TABLE PADS,
ACCESSIBLE BENCHES, AND PICNIC TABLES
CIP Project #: 1108**

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks and Recreation **Classification:** Parks

Total Cost: \$32,000

This project will add paved access pathways and install accessible benches and picnic tables at Acorn Park, including concrete pads for picnic tables to improve accessibility for all.

Operating Budget Impact: Minor additional parks maintenance expenses.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
GF – BEGINNING FUND BALANCE	\$32,000
	<hr/>
Total:	\$32,000

Plan FY: 2023-2024 ACORN PARK PLAYGROUND UPGRADES
CIP Project #: 1109

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks and Recreation **Classification:** Parks

Total Cost: \$23,000

This project will upgrade playground equipment at Acorn Park.

Operating Budget Impact: None.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
GF – BEGINNING FUND BALANCE	\$23,000
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Total:	\$23,000

Plan FY: 2024-2025 ACORN PARK PICNIC SHELTER (SMALL)

CIP Project #: 1111

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks and Recreation **Classification:** Parks

Total Cost: \$28,000

This project will construct a new, small picnic shelter at Acorn Park.

Operating Budget Impact: Additional parks maintenance expenses.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
PARKS – SDC – IMPROVEMENTS FUND	\$28,000
	<hr/>
Total:	\$28,000

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks and Recreation **Classification:** Parks

Total Cost: \$849,000

This project will plan, design, and construct a new neighborhood park in the northwest area of the city. This project will span multiple fiscal years. The city has applied for, and expects to receive, a grant to cover up to \$32,000 of initial design and planning costs in FY 22-23. At this time, funding for detailed design and construction is planned to come from Park SDC Funds and General Fund. Additional grant funding will be pursued in subsequent fiscal years to help offset these costs.

Operating Budget Impact: Additional parks maintenance expenses.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
PARKS – SDC – IMPROVEMENTS FUND	\$100,000
GF – BEGINNING BALANCE	\$717,000
GRANT	\$32,000
	\$849,000
Total:	\$849,000

Plan FY: 2025-2026 PROPERTY ACQUISITION FOR EXPANSION OF CITY PARK
CIP Project #: 1117

Master Plan: Parks Master Plan **Plan Element:**
Category: Parks and Recreation **Classification:** Parks

Total Cost: \$250,000

This project will acquire additional property on the to expand the existing City Park.

Operating Budget Impact: Ongoing park maintenance expenses.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
PARKS – SDC – IMPROVEMENTS FUND	\$250,000
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Total:	\$250,000

Unfunded Projects

The following projects have been identified as needed repairs and/or improvements to the City's infrastructure. In most cases, these projects are the result of a master plan process, which attempts to systematically look at the needs for public infrastructure over the next 10 to 20 years. These projects are considered "Unfunded" because either a source of funding has not been made available, or they will not be implemented within the five-year window this plan covers.

Parks System

CIP #	Phase	Year	Title	Projected Total
1114	0		PROPERTY ACQUISITION FOR ADDITIONAL PARK	\$453,000
1116	0		PICKLEBALL COURT	\$68,000
1118	0		RECONFIGURE CITY PARK LAYOUT TO ACCOMMODATE ADDITIONAL FACILITIES	\$1,415,000
1119	0		ACORN PARK REPLACE GRASS WITH NATIVE GROUNDCOVER IN SHADY AREAS	\$28,000
1120	0		SPORTS FIELDS AND PARKING ON PROPERTY BEHIND CITY HALL	\$1,698,000
1121	0		CITY PARK SPLASH PAD	\$396,000
1123	0		MULTI-USE PATH SOUTH OF CONSER	\$962,000
1124	0		NATURE TRAILS THROUGH WETLAND AREAS	\$340,000
1125	0		MULTI-USE PATH BETWEEN CITY PARK AND CITY HALL	\$396,000
Total for Unfunded Parks System:				\$5,756,000

Grand Total for Unfunded Parks: \$5,756,000

Parks SDC Account Balances and Projections

City of Millersburg

Parks SDC Tracking			
SDC per EDU = \$1,200	SDC-R	SDC-I	
% of total SDC (from 2006/2008 methodology)	23%	77%	Notes
FY 2019-2020			
SDC Revenues			
BOY (per previous auditor workpaper)	556,318		
BOY SDC R/I	95,069	461,249	
SDCs Received (revenue)	122,404		
SDC Revenue R/I	28,153	94,251	
Total SDC R/I Resources for FY	123,222	555,500	
SDC Expenditures			
Parks Capital Improvements			
Parks Master Plan	26,081	0	100% SDC-R because not listed in 2006/2008 SDC methodology
Total SDC R/I Expenditures for FY	26,081	0	
SDC Balance EOY R/I	97,141	555,500	
SDC Balance EOY Total	652,642		

Parks SDC Tracking			
SDC per EDU = \$1,200	SDC-R	SDC-I	
% of total SDC (from 2006/2008 methodology)	23%	77%	Notes
FY 2020-2021			
SDC Revenues			
BOY	652,642		
BOY SDC R/I	97,141	555,500	
SDCs Received (revenue)	81,596		68 EDUs
SDC Revenue R/I	18,767	62,829	
Total SDC R/I Resources for FY	115,908	618,329	
SDC Expenditures			
New Park Property Acquisition	91,000	618,000	100% SDC-I eligible in 2006/2008 SDC methodology, total cost \$709,000
SDC Study	3,950	0	SDC eligible, total cost \$3,950
Total SDC R/I Expenditures for FY	94,950	618,000	
SDC Balance EOY R/I	20,958	329	
SDC Balance EOY Total	21,287		final

Parks SDC Tracking			
SDC per EDU = \$3,627 (adopted September 2021)	SDC-R	SDC-I	
% of total SDC (from 2021 methodology)	11%	89%	Notes
FY 2021-2022 - ESTIMATED - old methodology for permits issued through October, then switch to new			
SDC Revenues			
BOY	21,287		
BOY SDC R/I	20,958	329	
SDCs Received (revenue)	13,200		11 EDUs
SDC Revenue R/I	3,036	10,164	
SDC per EDU = \$3627	SDC-R	SDC-I	
% of total SDC (from 2021 methodology)	11%	89%	
SDC Revenue R/I	3,591	29,052	Estimate 9 EDUs
Total Revenue for FY	6,627	39,216	
Total SDC R/I Resources for FY	27,585	39,546	
SDC Expenditures			
	0	0	
Total SDC R/I Expenditures for FY	0	0	
SDC Balance EOY R/I	27,585	39,546	
SDC Balance EOY Total	67,130		projected

Parks SDC Tracking			
SDC per EDU = \$3,627	SDC-R	SDC-I	
% of total SDC (from 2021 methodology)	11%	89%	Notes
FY 2022-2023 - PROJECTED			
SDC Revenues			
BOY	67,130		
BOY SDC R/I	27,585	39,546	
SDCs Received (revenue)	72,540		Estimated based on 20 EDUs
SDC Revenue R/I	16,684	55,856	
Total SDC R/I Resources for FY	44,269	95,401	
SDC Expenditures			
	0	0	
Total SDC R/I Expenditures for FY	0	0	
SDC Balance EOY R/I	44,269	95,401	
SDC Balance EOY Total	139,670		projected

Public Facilities

Moving Toward the Future

Emergency Facilities

The City of Millersburg's emergency fire service is provided by the City of Albany through an Intergovernmental Agreement (IGA) for the incorporated limits of the city, which became effective July 1, 2018. To support this service, the City of Millersburg constructed a temporary fire station to provide a facility within the City of Millersburg from which the City of Albany Fire Department could respond. Construction of the permanent fire station began in April 2021 and is anticipated to be completed in June of 2022.

City Buildings

Millersburg currently has a small number of city buildings, including City Hall and the Maintenance Shop. Staff continue to evaluate the needs of these facilities and equipment replacement programs. Some needs have been identified and are included in this CIP. As these facility needs are further identified, projects will be added to the CIP in future years.

Funding Summary

The following table shows the total amount of projects scheduled in each of the five years of this CIP, broken down by the source of the funding. The costs shown are the projected construction costs in the year the project is proposed. Each year the estimated cost of the projects is adjusted to current year costs by applying the change in the Engineering News-Record (ENR) construction cost index for Seattle. Project cost estimates for projects not yet contracted for the 2022-23 fiscal year have been increased by an additional 20% to account for current materials supply and construction climate factors.

Projected Cost Totals

FUNDING SOURCE	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Fire Facility Reserve	\$0	\$0	\$0	\$0	\$0	\$0
GF Beginning Balance	\$25,000	\$30,000	\$0	\$0	\$0	\$55,000
GRAND TOTALS:	\$25,000	\$30,000	\$0	\$0	\$0	\$55,000

Funded Projects Summary & Detail

The following projects have been identified for inclusion in this five-year Capital Improvement Program.

Each project shown below is explained in detail on the pages that follow. Projects are listed in the fiscal year order they are planned to occur, and in CIP ID# order within a given fiscal year set.

CIP #	Phase Title	Projected Total
Plan Year: 2022 – 2023		
1007	CITY HALL GENERATOR	\$25,000
Total for FY 2022 - 2023		\$25,000
Plan Year: 2023 - 2024		
1006	CITY HALL SIDEWALKS AND ADA RAMP	\$30,000
Total for FY 2023 – 2024		\$30,000
Plan Year: 2024 – 2025		
	NONE IDENTIFIED	\$0
Total for FY 2024 – 2025		\$0
Plan Year: 2025 – 2026		
	NONE IDENTIFIED	\$0
Total for FY 2025 – 2026		\$0
Plan Year: 2026 – 2027		
	NONE IDENTIFIED	\$0
Total for FY 2026 – 2027		\$0
Grand Total for Public Facilities:		\$55,000

Unfunded Projects

The following projects have been identified as needed repairs and/or improvements to the city's infrastructure. In most cases, these projects are the result of a master plan process, which attempts to systematically look at the needs for public infrastructure over the next 10 to 20 years. These projects are considered "Unfunded" because either a source of funding has not been made available, or they will not be implemented within the five-year window this plan covers.

Public Facilities

CIP #	Phase	Year	Title	Projected Total
1008		0	CONSER ROAD BUFFER	\$1,000,000
Total for Unfunded Public Facilities:				\$1,000,000

Grand Total for Unfunded Public Facilities: \$1,000,000

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Transportation

Investing in our Infrastructure

The city's transportation system consists of city and Linn County roads. The city maintains approximately 33 lane miles of improved streets, associated signs, four bridges, and one crosswalk with flashing beacons.

Federal regulations require that communities with populations greater than 50,000 and adjacent communities within the "urbanized area" of the larger community form Metropolitan Planning Organizations (MPOs). As a result, in 2013 the Albany Area Metropolitan Planning Organization (AAMPO) was formed with the cities of Albany, Millersburg, Tangent, and Jefferson and Linn and Benton counties. AAMPO provides a platform for Albany and its neighboring communities to work together on regional planning efforts.

In past years, Millersburg's street capital projects have primarily been funded from state gas tax revenues (highway use tax), street SDCs, and the general fund.

Addressing Maintenance Needs

Millersburg's Strategic Plan identifies an objective to develop and implement a proactive maintenance plan for city streets. In 2018 Millersburg invested in an inventory and condition assessment of city streets and a pavement management system. Based on this information, projects and maintenance activities are being prioritized. If the appropriate steps are taken at this time, the life of the streets can be extended, deferring more costly improvements. Maintenance activities such as crack sealing and striping are included in the annual budget, but are not included in this Capital Improvements Plan.

The city and Linn County have entered into an agreement for realignment of and improvements to a portion of Morningstar Road, to be constructed by Linn County prior transfer of jurisdiction to Millersburg. The city is responsible for costs associated with construction of public water and sewer infrastructure within the new roadway alignment. These utility costs are identified in the Wastewater and Water sections.

Funding Summary

The following table shows the total value of projects scheduled in each of the five years of this CIP, broken down by the source of the funding. The costs shown are the projected total costs in the year the project is proposed.

Each year the estimated cost of the projects are brought up to current year costs by applying the change in the Engineering News-Record (ENR) construction cost index for Seattle.

Projected Cost Totals

FUNDING SOURCE	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
General Fund Beginning Balance	\$0	\$0	\$0	\$0	\$0	\$0
Streets SDC-Improvements	\$0	\$513,000	\$0	\$839,000	\$0	\$1,352,000
Streets SDC-Reimbursement	\$0	\$0	\$0	\$685,000	\$0	\$685,000
Highway Use Tax	\$0	\$0	\$0	\$0	\$0	\$0
Highway Use Tax – Bike/Ped	\$0	\$20,000	\$0	\$0	\$0	\$20,000
Street Reserves and Street Beginning Fund Balance	\$15,000	\$301,000	\$0	\$0	\$0	\$316,000
Perlenfein Zuhlke Lane Reservation	\$96,300	\$0	\$0	\$0	\$0	\$96,300
Suniga Millersburg Drive Reservation	\$0	\$0	\$0	\$341,000	\$0	\$341,000
Grants	\$100,000	\$0	\$0	\$0	\$0	\$100,000
<u>GRAND TOTALS:</u>	\$211,300	\$834,000	\$0	\$1,865,000	\$0	\$2,910,300

Funded Projects Summary & Detail

The following projects have been identified for inclusion in this five-year Capital Improvement Program.

Each project shown below is explained in detail on the pages that follow. Projects are listed in the fiscal year order they are planned to occur, and in CIP ID# order within a given fiscal year set.

CIP #	Phase Title	Projected Total
Plan Year: 2022 – 2023		
2024	ZUHLKE EXTENSION WEST – PHASE I	\$96,300
2029	STREET LIGHTING – WOODS ROAD	\$15,000
2039	WOODS ROAD SHARED USE PATH	\$100,000
Total for FY 2022 - 2023		\$211,300
Plan Year: 2023 – 2024		
2039	WOODS ROAD SHARED USE PATH - NORTH	\$834,000
Total for FY 2023 – 2024		\$834,000
Plan Year: 2024 – 2025		
	NONE	\$0
Total for FY 2024 - 2025		\$0
Plan Year: 2025 – 2026		
2016	MILLERSBURG DRIVE WEST OF WOODS ROAD FULL STREET IMPROVEMENTS	\$1,865,000
Total for FY 2025 – 2026		\$1,865,000
Plan Year: 2026 – 2027		
	NONE	\$0
Total for FY 2026 - 2027		\$0
Grand Total for Transportation:		\$2,910,300

Unfunded Projects

The following projects have been identified as needed repairs and/or improvements to the city's infrastructure. In most cases, these projects are the result of a master plan process, which attempts to systematically look at the needs for public infrastructure over the next 10 to 20 years. These projects are considered "Unfunded" because either a source of funding has not been made available, or they will not be implemented within the five-year window this plan covers.

Street Reconstruction/Improvements Projects

CIP #	Phase	Year	Title	Projected Total
2010	0		WEST INDUSTRIAL PROPERTY ACCESS ROAD	\$1,225,000
2018	0		WOODS ROAD FULL STREET IMPROVEMENTS	\$1,917,000
2019	0		PARKER LANE FULL STREET IMPROVEMENTS	\$670,000
2020	0		WAVERLY FULL STREET IMPROVEMENTS	\$516,000
2021	0		AMANDA FULL STREET IMPROVEMENTS	\$325,000
2022	0		BAIN AND TONI FULL STREET IMPROVEMENTS	\$516,000
2023	0		ZUHLKE EXTENSION EAST	\$511,000
2024	0		ZUHLKE EXTENSION WEST	\$1,103,000
2025	0		CONSER ROAD FULL STREET IMPROVEMENTS	\$1,161,000
2026	0		FUTURE ROAD THROUGH CITY INDUSTRIAL PROPERTY	\$3,868,000
Total for Unfunded Street Projects:				\$11,812,000

Bridges

CIP #	Phase	Year	Title	Projected Total
2028	0		BRIDGE REPLACEMENT WAVERLY DRIVE AT COX CREEK	\$2,699,000
Total for Unfunded Bridges:				\$2,699,000

Miscellaneous - Transportation

CIP #	Phase	Year	Title	Projected Total
2029	0		STREET LIGHTING CONSER ROAD	\$15,000
2030	0		SIGNAL LIGHT CONSER AND OLD SALEM ROAD (SHARED WITH LINN CO.)	\$600,000
2049	0		MILLERSBURG GATEWAY TREATMENTS (NORTH AND SOUTH ENDS OF CITY)	\$350,000
Total for Unfunded Miscellaneous - Transportation:				\$651,000

Pedestrian & Bikeway Projects

CIP #	Phase	Year	Title	Projected Total
2032	0		WIDEN SHOULDER AND PROVIDE BIKE LANES ALONG OLD SALEM ROAD	\$64,000
2033	0		EXTEND BICYCLE LANES ON CONSER WEST TO CITY LIMITS (PAINT ONLY)	\$13,000
2034	0		SIDEWALKS ON SOUTH END OF OLD SALEM RD (SHARED WITH LINN CO.)	\$256,000
2035	0		SIDEWALK ON EAST SIDE OF KATELYN, SOUTH END (440 FT)	\$11,000
2036	0		SIDEWALKS ALONG CONSER (WEST TO CITY LIMITS)	\$319,000
2037	0		PEDESTRIAN WALKWAY FROM CITY HALL TO SOUTH SIDE OF CONSER	\$120,000
2039	0		WOODS ROAD SHARED USE PATH	\$623,000
2049	0		OLD SALEM ROAD MULTI-USE PATH	\$1,132,000
Total for Unfunded Pedestrian & Bikeway Projects:				\$2,538,000
Grand Total for Unfunded Transportation:				\$16,475,000

Transportation SDC Account Balances and Projections

City of Millersburg

Streets SDC Tracking			
SDC per EDU = \$3,542	SDC-R	SDC-I	Notes
% of total SDC (from 2006/2008 methodology)	4%	96%	
FY 2019-2020			
SDC Revenues			
BOY (per previous auditor workpaper)	1,780,714		
BOY SDC R/I	34,084	1,746,630	
SDCs Received (revenue)		376,515	
SDC Revenue R/I	15,061	361,454	
Total SDC R/I Resources for FY	49,144	2,108,084	
SDC Expenditures			
Street Capital Projects	0	0	
Total SDC R/I Expenditures for FY	0	0	
SDC Balance EOY R/I	49,144	2,108,084	
SDC Balance EOY Total	49,144	2,108,084	

FY 2020-2021 - old methodology for permits issued through mid-September, then switch to new			
SDC Revenues			
BOY (per previous auditor workpaper)	2,157,229		
BOY SDC R/I	49,144	2,108,084	
SDCs Received (revenue)		162,932	46 EDUs
SDC Revenue R/I	6,517	156,415	
SDC per EDU = \$6381	SDC-R	SDC-I	
% of total SDC (from 2020 methodology)	34%	66%	
SDC Revenue R/I	47,498	92,884	22 EDUs
Total Revenue for FY	54,015	249,299	
Total SDC R/I Resources for FY	103,160	2,357,383	
SDC Expenditures			
Access Road for Industrial Property West of RR Tra	0	0	100% SDC-I in 2020 SDC methodology
Fire Station and Industrial Property Access Road	0	0	100% SDC-I in 2020 SDC methodology
Woods Road Shared Use Path	0	0	55% SDC-I in 2020 SDC methodology (project cost for 20-21 is \$40,000, remainder in following years)
Total SDC R/I Expenditures for FY	0	0	
SDC Balance EOY R/I	103,160	2,357,383	
SDC Balance EOY Total	103,160	2,357,383	final

Streets SDC Tracking - beginning July 1, 2021			
SDC per EDU = \$6381	SDC-R	SDC-I	Notes
% of total SDC (from 2020 methodology)	34%	66%	
FY 2021-2022 - ESTIMATED			
SDC Revenues			
BOY	2,460,543		
BOY SDC R/I	103,160	2,357,383	
SDCs Received (revenue)		126,943	Estimated based on 20 EDUs
SDC Revenue R/I	42,503	84,440	
Total SDC R/I Resources for FY	145,663	2,441,823	
SDC Expenditures			
Access Road for Industrial Property West of RR Tra	0	0	100% SDC-I in 2020 SDC methodology
Transition Parkway	0	656,000	100% SDC-I in 2020 SDC methodology
Woods Road Shared Use Path	18,000	22,000	55% SDC-I in 2020 SDC methodology (project cost for 20-21 is \$40,000, remainder in following years)
Total SDC R/I Expenditures for FY	18,000	678,000	
SDC Balance EOY R/I	127,663	1,763,823	
SDC Balance EOY Total	127,663	1,763,823	projected

Streets SDC Tracking - beginning July 1, 2021			
SDC per EDU = \$6381	SDC-R	SDC-I	Notes
% of total SDC (from 2020 methodology)	34%	66%	
FY 2022-2023 - PROJECTED			
SDC Revenues			
BOY	1,891,486		
BOY SDC R/I	127,663	1,763,823	
SDCs Received (revenue)		126,943	Estimated based on 20 EDUs
SDC Revenue R/I	42,503	84,440	
Total SDC R/I Resources for FY	170,166	1,848,263	
SDC Expenditures			
Access Road for Industrial Property West of RR Tra	0	0	100% SDC-I in 2020 SDC methodology
Transition Parkway	0	0	100% SDC-I in 2020 SDC methodology
Woods Road Shared Use Path	0	0	55% SDC-I in 2020 SDC methodology (project cost for 22-23 is paid for by grant \$)
Total SDC R/I Expenditures for FY	0	0	
SDC Balance EOY R/I	170,166	1,848,263	
SDC Balance EOY Total	170,166	1,848,263	projected

Storm Water

Protecting our Resources

Millersburg receives an average annual rainfall of approximately 42 inches. During rain events, it is important to have infrastructure in place to manage the storm water runoff. Infrastructure for storm water includes pipes and ditches and facilities to hold and reduce the peak storm water discharge in a safe and efficient manner that protects against flooding while also minimizing impacts to the environment.

In order to properly operate and maintain the storm water system, it is important the city understand how the existing storm water system performs, plan for future infrastructure needs, adapt to new regulatory requirements, and understand new methods and technologies for protecting Millersburg's valuable water resources.

Evaluating Our System and Planning for the Future

In 2018, Millersburg hired a consultant to create a Storm Water Master Plan. The purpose of the plan was to evaluate the storm water patterns and needs of the city on a holistic level. The Storm Water Master Plan is now used to identify storm water improvement and maintenance projects, as well as provide valuable information to help guide development within the city. The master plan's project list has been added to this section of the CIP.

One of the storm water challenges now facing the city is responding to new regulatory requirements mandated by the Environmental Protection Agency (EPA) and the Oregon Department of Environmental Quality (DEQ). Millersburg currently has an approved five-year plan for complying with the Willamette River Total Maximum Daily Load (TMDL). Millersburg is also now required to comply with requirements of the National Pollution Discharge Elimination Standards (NPDES) Municipal Separate Storm Sewer System (MS4) Phase II General Permit from DEQ. To comply with the approved TMDL plan and NPDES MS4 Phase II permit, the city will need to make significant changes to our storm water management practices within the five-year window of this CIP.

Taking steps to address the Funding Challenge

Unlike the street, wastewater, and water utilities, storm water management and maintenance activities do not currently have a dedicated funding source. Potential sources of funding could include establishing a storm water utility charge in the future.

Each year the estimated cost of the projects is adjusted to current year costs by applying the change in the Engineering News-Record (ENR) construction cost index for Seattle. Project cost estimates for projects not yet contracted for the 2022-23 fiscal year have been increased by an additional 20% to account for current materials supply and construction climate factors.

Projected Cost Totals

FUNDING SOURCE	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
General Fund Beginning Balance	\$0	\$0	\$0	\$0	\$0	\$0
Stormwater Fund Beginning Balance	\$0	\$0	\$0	\$0	\$0	\$0
GRAND TOTALS:	\$0	\$0	\$0	\$0	\$0	\$0

Funded Projects Summary & Detail

The following projects have been identified for inclusion in this five-year Capital Improvement Program.

Each project shown below is explained in detail on the pages that follow. Projects are listed in the fiscal year order they are planned to occur, and in CIP ID# order within a given fiscal year set.

CIP #	Phase Title	Projected Total
Plan Year: 2022 – 2023		
	NONE IDENTIFIED	\$0
	Total for FY 2022 – 2023	\$0
Plan Year: 2023 – 2024		
	NONE IDENTIFIED	\$0
	Total for FY 2023 – 2024	\$0
Plan Year: 2024 – 2025		
	NONE IDENTIFIED	\$0
	Total for FY 2024 – 2025	\$0
Plan Year: 2025 – 2026		
	NONE IDENTIFIED	\$0
	Total for FY 2025 – 2026	\$0
Plan Year: 2026 – 2027		
	NONE IDENTIFIED	\$0
	Total for FY 2026 – 2027	\$0
	Grand Total for Stormwater:	\$0

Unfunded Projects

The following projects have been identified as needed repairs and/or improvements to the city's infrastructure. In most cases, these projects are the result of a master plan process, which attempts to systematically look at the needs for public infrastructure over the next 10 to 20 years. These projects are considered "Unfunded" because either a source of funding has not been made available, or they will not be implemented within the five-year window this plan covers.

Collection and Conveyance System

CIP #	Phase	Year	Title	Projected Total
3001	0		NORTH TRIBUTARY OF CROOKS CREEK IMPROVEMENTS	\$263,000
3003	0		MORNINGSTAR ESTATES OUTFALL MODIFICATION	\$240,000
3004	0		HOFFMAN ESTATES STORM WATER CAPACITY IMPROVEMENTS	\$185,000
3005	0		UMPQUA LANE DETENTION PIPES MODIFICATION	\$129,000
3006	0		WOODS ROAD DRAINAGE CAPACITY INCREASE	\$658,000
3007	0		CROOKS CREEK SEDIMENTATION STUDY	\$82,000
3008	0		KATHRYN ST AND KNOX BUTTE AVE STORM IMPROVEMENTS	\$256,000
3014	0		SW IN WOODS ROAD EXTENSION	\$1,367,000
3015	0		SW IN ZUHLKE LANE EXTENSION	\$495,000
3016	0		SW IN 54 TH AVENUE EXTENSION	\$348,000
3017	0		SW IN CONSER ROAD IMPROVEMENTS	\$240,000
3018	0		OLD SALEM ROAD BUILD-OUT CAPACITY IMPROVEMENTS	\$832,000
3019	0		OLD SALEM ROAD EXISTING CAPACITY IMPROVEMENTS	\$4,363,000

Total for Unfunded Collection and Conveyance System: \$9,458,000

Grand Total for Unfunded Stormwater: \$9,458,000

Stormwater SDC Account Balances and Projections

City of Millersburg

Stormwater SDC Tracking			
SDC per EDU = \$660	SDC-R	SDC-I	
% of total SDC (from 2020 methodology)	6%	94%	
FY 2020-2021			
SDC Revenue R/I	836	13,684	22 EDUs
Total SDC R/I Resources for FY	836	13,684	
SDC Expenditures			
Capital Projects	0	0	
Total SDC R/I Expenditures for FY	0	0	
SDC Balance EOY R/I	836	13,684	
SDC Balance EOY Total	14,520		final
FY 2021-2022 - ESTIMATED			
SDC Revenues			
BOY	14,520		
BOY SDC R/I	836	13,684	
SDC's received (revenue)	13,200		Estimated based on 20 EDUs
SDC Revenue R/I	760	12,440	
Total SDC R/I Resources for FY	1,596	26,124	
SDC Expenditures			
Capital Projects	0	0	
Capital Projects	0	0	
Capital Projects	0	0	
Total SDC R/I Expenditures for FY	0	0	
SDC Balance EOY R/I	1,596	26,124	
SDC Balance EOY Total	27,720		projected
FY 2022-2023 - PROJECTED			
SDC Revenues			
BOY	27,720		
BOY SDC R/I	1,596	26,124	
SDC's received (revenue)	13,200		Estimated based on 20 EDUs
SDC Revenue R/I	760	12,440	
Total SDC R/I Resources for FY	2,356	38,564	
SDC Expenditures			
Capital Projects	0	0	
Capital Projects	0	0	
Capital Projects	0	0	
Total SDC R/I Expenditures for FY	0	0	
SDC Balance EOY R/I	2,356	38,564	
SDC Balance EOY Total	40,920		projected

Wastewater

Maintaining our Assets

The city's wastewater system consists of a collection system that is made up of approximately 20 miles of gravity flow pipes, 3 miles of pressure pipes, over 350 manholes, and 5 sewer lift stations. Millersburg is a joint owner with the City of Albany in the Water Reclamation Facility and Talking Water Gardens wetlands; the City of Albany holds the discharge permit with DEQ.

In 2016 and 2017, the city performed a Sanitary Sewer System Master Plan. The Master Plan identified recommended capital improvement projects. The Morningstar and ATI Pump Station Upgrades were completed in 2018 and 2019. Additional recommended projects are included in this CIP. The Master Plan also recommended performing a condition assessment of the collection system.

Millersburg contracts with the City of Albany for operation and maintenance of the sewer collection system through an Intergovernmental Agreement (IGA). The wastewater projects identified in this year's five-year window include those recommended by the city's adopted Sanitary Sewer System Master Plan and needs identified by City of Millersburg staff and City of Albany operations staff. Maintenance of the collection system helps reduce infiltration of groundwater and inflow of storm water into the collection system, which can impact capacity requirements within the system and require additional capital improvements for conveyance and treatment of sewer flows. Maintenance activities that consist of cleaning and inspecting of the system are not included in the CIP. Significant repairs required to address unsatisfactory inspection results are included in the CIP.

Future projects will be required to address issues at both the Water Reclamation Facility and Talking Water Gardens. Solids handling (composting) and dewatering equipment projects are currently being completed at the Water Reclamation Facility. These projects were addressed in prior CIPs and other projects will be incorporated into future CIPs.

Funding Summary

The following table shows the total value of projects scheduled in each of the five years of this CIP, broken down by the source of the funding. The costs shown are the projected total project costs in the year the project is proposed.

Each year the estimated cost of the projects is adjusted to current year costs by applying the change in the Engineering News-Record (ENR) construction cost index for Seattle. Project cost estimates for projects not yet contracted for the 2022-23 fiscal year have been increased by an additional 20% to account for current materials supply and construction climate factors.

Projected Cost Totals

FUNDING SOURCE	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
Sewer SDC-R	\$0	\$0	\$0	\$0	\$0	\$0
Sewer SDC-I	\$0	\$217,000	\$0	\$0	\$0	\$217,000
Sewer Rates/Operating Revenues	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Settlement Proceeds	\$0	\$0	\$0	\$0	\$0	\$0
GRAND TOTALS:	\$40,000	\$217,000	\$0	\$0	\$0	\$257,000

Funded Projects Summary & Detail

The following projects have been identified for inclusion in this five-year Capital Improvement Program.

Each project shown below is explained in detail on the pages that follow. Projects are listed in the fiscal year order they are planned to occur, and in CIP ID# order within a given fiscal year set.

CIP #	Phase Title	Projected Total
Plan Year: 2022 – 2023		
4042	REPAIR MHS AT BURKHART AND ATI FM DISCHARGES	\$40,000
Total for FY 2022 – 2023		\$40,000
Plan Year: 2023 – 2024		
4028	SEWER FOR MORNINGSTAR ROAD REALIGNMENT	\$217,000
Total for FY 2023 – 2024		\$217,000
Plan Year: 2024 – 2025		
	NONE IDENTIFIED	\$0
Total for FY 2024 – 2025		\$0
Plan Year: 2025 – 2026		
	NONE IDENTIFIED	\$0
Total for FY 2025 – 2026		\$0
Plan Year: 2026 – 2027		
	NONE IDENTIFIED	\$0
Total for FY 2026 – 2027		\$0
Grand Total for Wastewater:		\$257,000

Plan FY: 2022-2023 REPAIR MHS AT BURKHART AND ATI FORCE MAIN DISCHARGES
CIP Project #: 4042

Master Plan: **Plan Element:**
Category: Wastewater **Classification:** Collection System

Total Cost: \$40,000

This project will perform needed repairs at the discharge manhole for the Burkhart sewer lift station force main.

Operating Budget Impact: This project will address a maintenance need in the collection system.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
SEWER RATES/OPERATING REVENUES	\$40,000
	<hr/>
Total:	\$40,000

Unfunded Projects

The following projects have been identified as needed repairs and/or improvements to the city's infrastructure. In most cases, these projects are the result of a master plan process, which attempts to systematically look at the needs for public infrastructure over the next 10 to 20 years. These projects are considered "Unfunded" because either a source of funding has not been made available, or they will not be implemented within the five-year window this plan covers.

Interceptors/Collectors

CIP #	Phase	Year	Title	Projected Total
4015		0	EXPANSION OF SYSTEM TO UNDER SERVED NE INDUSTRIAL AREAS	\$146,000
4044		0	SYSTEM EXPANSION TO INDUSTRIAL PROPERTY SOUTH OF CONSER ROAD	\$389,000
Total for Unfunded Interceptors/Collectors:				\$535,000

Lift Stations

CIP #	Phase	Year	Title	Projected Total
4016		0	ATI PUMP REPLACEMENT	\$77,000
4017		0	MORNINGSTAR PUMP IMPELLER REPLACEMENT	\$38,000
Total for Unfunded Lift Stations:				\$115,000

Water Reclamation Facility

CIP #	Phase	Year	Title	Projected Total
4029		0	INFLUENT PUMP STATION EXPANSION	\$2,006,000
4030		0	HEADWORKS 4 TH CHANNEL EQUIPMENT AND SCREENING EQUIPMENT	\$248,000
4031		0	HEADWORKS GRIT REMOVAL EQUIPMENT	\$388,000
4032		0	VLR NO. 1A	\$178,000
4033		0	VLR NO. 2A	\$432,000
4034		0	VLR NO. 9 – NO. 14	\$3,111,000
4035		0	BLOWER BUILDING #2	\$777,000
4036		0	SECONDARY CLARIFIER #4	\$696,000
4038		0	CHLORINE CONTACT BASIN EXPANSION	\$367,000
4039		0	SLUDGE COMPOSTING AND DEWATERING FACILITIES	\$3,369,000
4041		0	OUTFALL AND DIFFUSER NO. 2	\$640,000
Total for Unfunded Water Reclamation Facility:				\$12,212,000

Talking Water Gardens

CIP #	Phase	Year	Title	Projected Total
4019		0	TALKING WATER GARDENS: COMPLETE ENTRANCE/PARKING LOT LANDSCAPING	\$16,000
4020		0	TALKING WATER GARDENS: COMPLETE BRIDGE IMPROVEMENTS AND LANDSCAPING	\$15,000
4021		0	TALKING WATER GARDENS: REROUTE OVERHEAD POWER LINES	\$48,000
4022		0	TALKING WATER GARDENS: ENTRANCE ROAD IMPROVEMENTS	\$84,000
Total for Unfunded Talking Water Gardens:				\$163,000

Grand Total for Unfunded Wastewater: \$13,025,000

Wastewater SDC Account Balances and Projections

City of Millersburg

Wastewater SDC Tracking			
SDC per EDU = \$2,231	SDC-R	SDC-I	
% of total SDC (from 2006/2008 methodology)	46%	54%	Notes
FY 2019-2020			
SDC Revenues			
BOY (per previous auditor workpaper)	620,356		
BOY SDC R/I	0	620,356	
SDCs Received (revenue)		241,617	
SDC Revenue R/I	111,144	130,473	
Total SDC R/I Resources for FY	111,144	750,829	
SDC Expenditures			
WRF Capital Projects	0	0	
Wetland Capital Projects	0	0	
WRF Debt Service	67,183	238,194	Total amount for FY 19-20 is \$305,377, 78% improvement per 2006/2008 SDC methodology
Wetlands DEQ Loan	0	0	
Total SDC R/I Expenditures for FY	67,183	238,194	
SDC Balance EOY R/I	43,961	512,635	
SDC Balance EOY Total	556,596		
FY 2020-2021 - old methodology for permits issued through mid-September, then switch to new			
SDC Revenues			
BOY (per previous auditor workpaper)	556,596		
BOY SDC R/I	43,961	512,635	46 EDUs
SDCs Received (revenue)		102,626	
SDC Revenue R/I	47,208	55,418	
SDC per EDU = \$4655	SDC-R	SDC-I	
% of total SDC (from 2020 methodology)	55%	45%	
SDC Revenue R/I	58,926	48,139	23 EDUs (22 new homes, 1 new connection to exst home with failed septic)
Total Revenue for FY	106,134	103,557	
Total SDC R/I Resources for FY	150,095	616,192	
SDC Expenditures			
WRF Capital Projects	0	0	
Wetland Loan Payment to DEQ	50,000	0	
WRF Debt Service	68,357	242,358	Total amount for FY 20-21 is \$310,745, 78% improvement per 2006/2008 SDC methodology
Total SDC R/I Expenditures for FY	118,357	242,358	
SDC Balance EOY R/I	31,738	373,834	
SDC Balance EOY Total	405,572		final
FY 2021-2022 - ESTIMATED			
SDC Revenues			
BOY	405,572		
BOY SDC R/I	31,738	373,834	Estimated based on 20 EDUs
SDC's received (revenue)		89,980	
SDC Revenue R/I	51,240	38,740	
Total SDC R/I Resources for FY	82,978	412,574	
SDC Expenditures			
AM-WRF Capital Projects	0	0	
Transition Parkway Sewer Main	0	68,000	100% SDC-I in 2020 SDC methodology
Total SDC R/I Expenditures for FY	0	68,000	
SDC Balance EOY R/I	82,978	344,574	
SDC Balance EOY Total	427,552		projected
FY 2022-2023 - PROJECTED			
SDC Revenues			
BOY	427,552		
BOY SDC R/I	82,978	344,574	Estimated based on 20 EDUs
SDC's received (revenue)		89,980	
SDC Revenue R/I	51,240	38,740	
Total SDC R/I Resources for FY	134,218	383,314	
SDC Expenditures			
	0	0	
	0	0	
Total SDC R/I Expenditures for FY	0	0	
SDC Balance EOY R/I	134,218	383,314	
SDC Balance EOY Total	517,532		projected

Water

Maintaining Ongoing Operations

As a result of the city's partnership with Albany in the Albany-Millersburg Water Treatment Plant (A-M WTP) and relatively new distribution system, Millersburg water customers benefit from a safe, reliable source of drinking water, a distribution system with capacity to serve growth, and stable operation and maintenance expenses.

The city's water system consists of a network of pipes, with a reservoir and pump station located at the A-M WTP. The water system is made up of over 20 miles of pipes, one pump station, one reservoir, service lines, hydrants, valves, and a water treatment plant. Over 90% of the distribution system consists of ductile iron and HDPE pipe. The remaining less than 10% is asbestos cement (AC) and steel pipe. All of the AC and steel pipe is located along Old Salem Road, south of the Viewcrest interchange. One long-term goal of the city is to eliminate the remaining AC and steel pipe in the system.

Millersburg employs a Direct Responsible Charge (DRC) Operator and contracts with the City of Albany for operation and maintenance of the water distribution system through an Intergovernmental Agreement (IGA). The water projects identified in this plan include those recommended by the city's adopted Water Master Plan and needs identified by City of Millersburg staff and City of Albany operations staff; they represent the projects necessary for continued consistent quality water services and to support growth and economic development in the city.

A water rate and SDC study was recently completed. This resulted in increases to SDC fees, a restructuring of water rates, and future planned inflationary increases to water rates. These changes are an important part of funding the projects listed in this CIP, as well as ongoing operations of the water system.

Funding Summaries

The following table shows the total value of projects scheduled in each of the five years of this CIP, broken down by the source of the funding. The costs shown are the projected total project costs in the year the project is proposed.

Each year the estimated cost of the projects is adjusted to current year costs by applying the change in the Engineering News-Record (ENR) construction cost index for Seattle. Project cost estimates for projects not yet contracted for the 2022-23 fiscal year have been increased by an additional 20% to account for current materials supply and construction climate factors.

Projected Cost Totals

FUNDING SOURCE	2022-23	2023-24	2024-25	2025-26	2026-27	TOTAL
SDC – Improvement – Water	\$0	\$169,000	\$0	\$0	\$0	\$169,000
SDC – Reimbursement – Water	\$400,000	\$100,000	\$0	\$0	\$0	\$500,000
Water Rates/Operating Revenues	\$0	\$346,000	\$0	\$0	\$0	\$346,000
GRAND TOTALS:	\$400,000	\$615,000	\$0	\$0	\$0	\$1,015,000

Funded Projects Summary & Detail

The following projects have been identified for inclusion in this five-year Capital Improvement Program.

Each project shown below is explained in detail on the pages that follow. Projects are listed in the fiscal year order they are planned to occur, and in CIP ID# order within a given fiscal year set.

CIP #	Phase Title	Projected Total
Plan Year: 2022 - 2023		
5004	TRANSFER SERVICES FROM AC PIPE IN OLD SALEM ROAD NORTH OF TRUAX CREEK	\$300,000
5019	AM-WTP SEISMIC VALVE AND RAW WATER PUMP STATION VALVE REPLACEMENT	\$67,000
5020	AM-WTP RAW WATER VFD REPLACEMENT	\$33,000
Total for FY 2022 – 2023		\$400,000
Plan Year: 2023 – 2024		
5005	ABANDON AC PIPE IN OLD SALEM ROAD SOUTH OF TRUAX CREEK	\$446,000
5012	MORNINGSTAR ROAD REALIGNMENT WATER	\$169,000
Total for FY 2023 – 2024		\$615,000
Plan Year: 2024 – 2025		
	NONE IDENTIFIED	\$0
Total for FY 2024 – 2025		\$0
Plan Year: 2025 – 2026		
	NONE IDENTIFIED	\$0
Total for FY 2025 – 2026		\$0
Plan Year: 2026 – 2027		
	NONE IDENTIFIED	\$0
Total for FY 2026 – 2027		\$0
Grand Total for Water:		\$1,015,000

Plan FY: 2022-2023 TRANSFER SERVICES FROM AC PIPE IN OLD SALEM ROAD NORTH OF TRUAX CREEK
CIP Project #: 5004

Master Plan: Water Master Plan **Plan Element:**
Category: Water **Classification:** Water Mains

Total Cost: \$300,000

This project will replace services currently connected to an existing AC pipe with connections to the 20" ductile iron (DI) water main.

Replacement services are to three industries located on Old Salem Road, north of Truax Creek. A 3" meter scheduled for replacement will also be replaced with this project. Existing AC pipe will remain in place, but normally isolated from the rest of the system.

Operating Budget Impact: Isolating the AC pipe may reduce the amount of water loss from the system and will reduce the risk of an AC pipe failure.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
WATER SDC-REIMBURSEMENT FUND	\$300,000
	<hr/>
Total:	\$300,000

Plan FY: 2023-2024 ABANDON AC PIPE IN OLD SALEM ROAD SOUTH OF TRUAX CREEK
CIP Project #: 5005

Master Plan: Water Master Plan **Plan Element:**
Category: Water **Classification:** Water Mains

Total Cost: \$446,000

This project will replace approximately 15 services currently connected to an existing AC pipe with connections to the 20" ductile iron (DI) water main. Approximately 3,000 feet of asbestos cement (AC) pipe will be abandoned.

Replacement services are located on Old Salem Road, south of Truax Creek.

Operating Budget Impact: Abandonment of the AC pipe may reduce the amount of water loss from the system and will reduce the risk of an AC pipe failure.

Funding Sources for This Project:

<u>Funding Source</u>	<u>Projected Amount</u>
WATER RATES/OPERATING REVENUES	\$346,000
WATER SDC – REIMBURSEMENT FUND	\$100,000
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Total:	\$446,000

Unfunded Projects

The following projects have been identified as needed repairs and/or improvements to the city's infrastructure. In most cases, these projects are the result of a master plan process, which attempts to systematically look at the needs for public infrastructure over the next 10 to 20 years. These projects are considered "Unfunded" because either a source of funding has not been made available, or they will not be implemented within the five-year window this plan covers.

Water

CIP #	Phase	Year	Title	Projected Total
5006		0	STEELHEAD MAIN SIZE INCREASE	\$214,000
5011		0	AM-WTP EXPANSION (MEMBRANES)	\$1,972,000
5014		0	SYSTEM EXPANSION UNDER SERVED NE INDUSTRIAL AREAS	\$457,000
5017		0	AM-WTP EXPANSION (STORAGE)	\$2,028,000
5018		0	SYSTEM EXPANSION TO INDUSTRIAL PROPERTY SOUTH OF CONSER	\$5,472,000
Total for Unfunded Water:				\$10,143,000

Grand Total for Unfunded Water: \$10,143,000

Water SDC Account Balances and Projections

City of Millersburg

Water SDC Tracking			
SDC per EDU = \$1,921	SDC-R	SDC-I	
% of total SDC (from 2006/2008 methodology)	81%	19%	Notes
FY 2019-2020			
SDC Revenues			
BOY (per previous auditor workpaper)	1,097,753		
BOY SDC R/I	812,581	285,172	
SDC's received (revenue)	192,962		
SDC Revenue R/I	156,299	36,663	
Total SDC R/I Resources for FY	968,880	321,835	
SDC Expenditures			
Water Treatment Plant Capital Projects	0	0	
Water Plant Loan, principal payment	360,000	0	100% SDC-R because not listed in 2006/2008 SDC methodology
Total SDC R/I Expenditures for FY	360,000	0	
SDC Balance EOY R/I	608,880	321,835	
SDC Balance EOY Total	930,715		
FY 2020-2021 - old methodology for permits issued through mid-September, then switch to new			
SDC Revenues			
BOY (per previous auditor workpaper)	930,715		
BOY SDC R/I	608,880	321,835	
SDC's received (revenue) until mid-September	86,445		45 EDUs
SDC Revenue R/I	70,020	16,425	
Beginning mid-September SDC per EDU = \$3,295	SDC-R	SDC-I	
% of total SDC (from 2020 methodology)	59%	41%	
SDC Revenue R/I	48,613	33,763	25 EDUs (22 new homes, 3 new connections to existing homes)
Total Revenue for FY	118,633	50,187	
Total SDC R/I Resources for FY	727,513	372,022	
SDC Expenditures			
Fire Station and Industrial Property Water Main	0	0	100% SDC-I in 2020 SDC methodology
Water Plant Loan, principal payment	369,000	0	100% SDC-R
Total SDC R/I Expenditures for FY	369,000	0	
SDC Balance EOY R/I	358,513	372,022	
SDC Balance EOY Total	730,535		final
FY 2021-2022 - ESTIMATED			
SDC Revenues			
BOY	730,535		
BOY SDC R/I	358,513	372,022	
SDC's received (revenue)	59,700		Estimated based on 20 EDUs
SDC Revenue R/I	38,880	20,820	
Total SDC R/I Resources for FY	397,393	392,842	
SDC Expenditures			
Water Treatment Plant Capital Projects	0	0	
Transition Parkway Water Main	0	227,000	100% SDC-I in 2020 SDC methodology
Transfer Services from AC Pipe North of Truax Cr	25,000	0	100% SDC-R
Total SDC R/I Expenditures for FY	25,000	227,000	
SDC Balance EOY R/I	372,393	165,842	
SDC Balance EOY Total	538,235		projected
FY 2022-2023 - PROJECTED			
SDC Revenues			
BOY	538,235		
BOY SDC R/I	372,393	165,842	
SDC's received (revenue)	59,700		Estimated based on 20 EDUs
SDC Revenue R/I	38,880	20,820	
Total SDC R/I Resources for FY	411,273	186,662	
SDC Expenditures			
Water Treatment Plant Capital Projects	100,000	0	Seismic and RW PS valve replacements and VFD replacement
Transfer Services from AC Pipe North of Truax Cr	300,000	0	100% SDC-R
Total SDC R/I Expenditures for FY	400,000	0	
SDC Balance EOY R/I	11,273	186,662	
SDC Balance EOY Total	197,935		projected