

City of Reading  
Capital Improvement Program 2023-2028  
Summary by Year

<b>Year</b>	<b>Project Name</b>	<b>Funding</b>	<b>Amount</b>
<b>2023</b>	Sidewalk Relacement- 1875 Lineal Feet	General Fund	75,000.00
<b>2023</b>	DPW/Maintenance Office Remodel	General Fund/Wate Fund/Sewer Fund	23,781.00
<b>2023</b>	Software Technology Upgrades	General Fund/Wate Fund/Sewer Fund	34,770.00
<b>2023</b>	Loader RT-50 Plus Attachments	Internal Service Fund/USDA	63,934.00
<b>2023</b>	Salt Sreader-2008 1-Ton	Internal Service Fund/USDA	10,000.00
<b>2023</b>	Michigan Street Renovations	MDOT/EGLE/USDA/MEDC/LOCAL	1,510,000.00
<b>2023</b>	Strong Street Renovations	MDOT/EGLE/USDA/MEDC/LOCAL	639,072.00
<b>2023</b>	East Street Resurfacing/Watermain Replacement	MDOT/EGLE/USDA/MEDC/LOCAL	245,224.00
<b>2023</b>	Lynn Street Resurfacing	MDOT/EGLE/USDA/MEDC/LOCAL	141,496.00
<b>2023</b>	Michigan/Strong/East/Lynn Street Engineering/Testing	MDOT/EGLE/USDA/MEDC/LOCAL	375,000.00
<b>2023</b>	Back-Up Pumps Elm, Cherry & Main Street Lift Stations	Sewer Fund	13,000.00
<b>2023</b>	West Parking Lot Renovations	Tax Increment Finance Authority (TIFA)	115,788.00
<b>2023</b>	Clean North & South Wells	Water Fund	26,000.00
<b>2023</b>	Replace Air Relief Valves -Watermain	Water Fund	12,800.00
<b>2023</b>	Replace Filter Media-WTP Filters	Water Fund	44,000.00
<b>2023</b>	Water Tower Cleaning/Maintenance	Water Fund/EGLE/USDA	359,000.00
<b>2023</b>	Replace Meter Reading System	Water Fund/Sewer Funds/EGLE/USDA	150,000.00
<b>Totals for 2023</b>			<b>\$ 3,838,865.00</b>
<b>2024</b>	Utility Locator & GIS Software	Internal Service Fund/EGLE-SAW Grant	28,000.00
<b>2024</b>	New Patrol Car	General Fund/USDA	40,000.00
<b>2024</b>	Police Cameras (Body Cameras/Patrol Car)	General Fund/USDA	13,000.00
<b>2024</b>	Sidewalk Replacement	General Fund	50,000.00
<b>2024</b>	DPW/Maintenance Service Truck	Internal Service Fund/USDA	70,000.00
<b>Totals for 2024</b>			<b>\$ 201,000.00</b>

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<b>Year</b>	<b>Project Name</b>	<b>Funding</b>	<b>Amount</b>
<b>2025</b>	Replace Nonfunctioning Fire Hydrants	Water Fund/USDA/EGLE	34,000.00
<b>2025</b>	Galvanized Water Service Replacment	Water Fund/USDA/EGLE	15,000.00
<b>2025</b>	Installation 20 Valves-Watermain	Water Fund/USDA/EGLE	84,000.00
<b>2025</b>	Sidewalk Replacement-1250 Lineal Feet	General Fund	50,000.00
<b>2025</b>	Walnut Street -Resurfacing	Major & Local Street/General Fund	80,000.00
<b>2025</b>	Railroad Street -Resurfacing	Major & Local Street/General Fund	45,000.00
<b>2025</b>	Vactor Truck	Internal Service Fund/USDA	500,000.00
<b>Totals for 2025 \$</b>			<b>759,000.00</b>
<b>2026</b>	Cherry Street Lift Station Building	Sewer Fund	6,000.00
<b>2026</b>	Galvanized Water Service Replacment	Water Fund/USDA/EGLE	15,000.00
<b>2026</b>	Replace Nonfunctioning Fire Hydrants	Water Fund/USDA/EGLE	34,000.00
<b>2026</b>	Installation 20 Valves-Watermain	Water Fund/USDA/EGLE	84,000.00
<b>2026</b>	Sidewalk Replacement-1250 Lineal Feet	General Fund	50,000.00
<b>Totals for 2026 \$</b>			<b>189,000.00</b>
<b>2027</b>	Galvanized Water Service Replacment	Water Fund/USDA/EGLE	15,000.00
<b>2027</b>	Installation 20 Valves-Watermain	Water Fund/USDA/EGLE	84,000.00
<b>2027</b>	Sidewalk Replacement -625 Lineal Feet	General Fund	25,000.00
<b>2027</b>	Mill and Cap East/West Elm Street	General Fund/Major Streets	200,000.00
<b>Totals for 2027 \$</b>			<b>324,000.00</b>
<b>2028</b>	Abandon 1899 Watermain	USDA/MEDC/EGLE	1,500,000.00
<b>2028</b>	Clean North & South Wells	Water Fund	26,000.00
<b>2028</b>	Installation 20 Valves-Watermain	Water Fund/USDA/EGLE	84,000.00
<b>2028</b>	Sidewalk Replacement -625 Lineal Feet	General Fund	25,000.00
<b>Totals for 2028 \$</b>			<b>1,635,000.00</b>
<b>Total Projected (2023-2028)</b>			<b>6,946,865.00</b>

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**2023**

**Project Name: Back-up Pumps for Elm, Cherry, and Main Street Lift Stations (SF)**

Replace aging pumps. Facilitate repairs if or when a lift station pump fails.

Quantity: 2	Cost: \$13,000
Useful Life: 15	Score: 16

**2023**

**Project Name: Clean North and South Wells (WF)**

Ensure adequate drinking water.

Quantity: 2	Cost: \$26,000
Useful Life: As needed, 5 years	Score: 14

**2023**

**Project Name: Michigan Street Upgrades (MDOT/USDA/EGLE Grants/MEDC/Local)**

Complete replacement of the road, re-do the base of the road, update the water and sewer lines, and install curbs, drains, new sidewalk, new service lines from main to curb stop and service lines from curb stop to home that do not meet state lead and copper rules.

Quantity: 1 street (~2,560ft)	Cost: \$1.51million
Useful Life: 10 years	Score: 12

**2023**

**Project Name: Strong Street Upgrades(MDOT/USDA/EGLE Grants/MEDC/Local)**

Complete replacement of the road, re-do the base of the road, update the water and sewer lines, and install curbs, drains, new sidewalk, new service lines main to curb stop and service lines from curb stop to home that do not meet state lead and copper rules.

Quantity: 1 street (~1,050ft)	Cost: \$639,072
Useful Life: 10 years	Score: 12

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**2023**

**Project Name: East Street Resurfacing/Watermain (MDOT/USDA/EGLE Grants/MEDC/Local)**

Update Watermain, install edge drains, new sidewalks, resurfacing of the street, and replace all service lines from Main to curb stop and any service lines, from curb stop to home that do not meet state lead and copper rules.

Quantity: 1 street (~800ft)	Cost: \$245,224
Useful Life: 10 years	Score: 12

**2023**

**Project Name: Lynn Street Resurfacing (MDOT/USDA/EGLE Grants/MEDC/Local)**

Install edge drains, new sidewalks, resurfacing of the street, and replace all service lines from Main to curb stop and any service lines, from curb stop to home that do not meet state lead and copper rules. Replace any watermain valves and hydrants as necessary.

Quantity: 1 street (~800ft)	Cost: \$141,496
Useful Life: 10 years	Score: 12

**2023**

**Project Name: Michigan/Strong/Lynn/East Street(s) Engineering/Testing-Local/USDA/MDOT**

Install edge drains, new sidewalks, resurfacing of the street, and replace all service lines from Main to curb stop and any service lines, from curb stop to home that do not meet state lead and copper rules. Replace any watermain valves and hydrants as necessary

Quantity: 4 Streets (5,210 ft)	Cost: \$375,000
Useful Life: 10 years	Score: 12

**2023**

**Project Name: Replace Air Relief Valves (WF)**

Replace air relief valves on the 12" transmission water main from the water plant to the City limits. Remove old galvanized valves with modern composite relief valves because the current valves have exceeded their life expectancy.

Quantity: 8	Cost: \$12,800
Useful Life: 10	Score: 9

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**2023**

**Project Name: Loader RT-50 Plus Attachments (ISF)**

Replace aging equipment. Pallet forks, rotary broom with angles, 62 inch standard duty rock bucket and 66 inch 4 in 1 bucket.

Quantity: 1	Cost: \$63,934
Useful Life: 15 years	Score: 1

**2023**

**Project Name: Salt Spreader (ISF)**

Install Salt Spreader 2008 1-Ton for smaller streets/parking lot Winter Maintenance

Quantity: 1	Cost: \$9,000
Useful Life: 15 years	Score: 1

**2023**

**Project Name: Replace Filter Media (WF)**

Remove worn out media with new functioning media.

Quantity: 4	Cost: \$44,000
Useful Life: 15 years	Score: 9

**2023**

**Project Name: Sidewalk Replacement (GF)**

Repair and replace damaged sidewalks following the prioritization map.

Quantity: 1875 lineal feet	Cost: \$75,000
Useful Life: 10	Score: 9

**2023**

**Project Name: Replace Meter Reading System (WF, SF & USDA Loans)**

Replace current meter read system new software for billing. Equipment will include software for billing, new meters and water tower/radio reads for quick reads and monitoring for leaks on residential and commercial service lines for more efficient repairs.

Quantity: 1	Cost: \$150,000
Useful Life: 25 years	Score: 16

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**2023**

**Project Name: Water Tower Cleaning/Maintenance (WF & USDA Loans)**

Cleaning and Painting of existing water tower- Exterior abrasive blast clean and recoat Interior-clean and recoat, seam seal wet roof lap seams, install pressure clips, install roof handrail, replace roof hatch, install cable fall prevention on wet ladder, install new mud valve and install new condensate drain line.

Quantity: 4	Cost: \$359,000
Useful Life: 25 years	Score: 16

**2023**

**Project Name: DPW/Maintenance Office Remodel (WF, SF & GF)**

Remodel DPW/Maintenance Office- Install Tin on ceiling and rib steel on walls and new LED Lighting, Install Vinyl Flooring & New Heating/Cooling System

Quantity: 1	Cost: \$23,781
Useful Life: 25 years	Score: 16

**2023**

**Project Name: Software/Technology Upgrades**

Upgrade current utility billing systems to BS&A, and also purchase Building Department Software to aid in Zoning/Assessing/Code Enforcement

Quantity: 2	Cost: \$34,770
Useful Life: 10 years	Score: 16

**2023**

**Project Name: West Parking Lot Renovations**

West Downtown Parking Lot mill & resurface existing asphalt and add additional asphalt to gravel parking area

Quantity: 42,500 sq ft	Cost: \$115,788
Useful Life: 10 years	Score: 16

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**2024**

**Project Name: Utility Locator & GIS Software (ISF or SAW Grant)**

A utility locator with storm and sewer video capabilities can be used to locate areas of concern, where no other on site method is as effective. When coupled with GIS software that maintains a database of updates to pipes, costs in the long-run are reduced as repairs are fixed immediately.

Quantity: 1	Cost: \$28,000
Useful Life: 10 years	Score: 13

**2024**

**Project Name: New Police Car (GF)**

The current police car has exceeded its life expectancy.

Quantity: 1	Cost: \$40,000
Useful Life: 5 years	Score: 12

**2024**

**Project Name: Police Cameras (GF)**

Install cameras in police cars and provide body cameras for public safety.

Quantity: 2	Cost: \$13,000
Useful Life: 5 to 7 years	Score: 10

**2024**

**Project Name: Sidewalk Replacement (GF)**

Repair and replace damaged sidewalks following the prioritization map.

Quantity: 1250 lineal feet	Cost: \$50,000
Useful Life: 10	Score: 9

**2024**

**Project Name: DPW/Maintenance Service Truck (ISF/USDA)**

Replace Service Truck

Quantity: 1	Cost: \$70,000
Useful Life: 2 years	Score: 9

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**2025**

**Project Name: Replace Nonfunctioning Fire Hydrants (WF)**

Install functional fire hydrants for fire protection.

Quantity: 2	Cost: \$34,000
Useful Life: 25	Score: 14

**2025**

**Project Name: Galvanized Water Service Replacement (WF)**

Allow for the replacement of water service lines that do not meet state lead and copper rules. These replacements will continue for the next 20 years.

Quantity: 10 / year	Cost: \$15,000
Useful Life: 20 years	Score: 21

**2025**

**Project Name: Installation of 20 Valves (WF)**

Budgeted for the installation of three valves per year, but installation should be aligned with larger road or water projects. The valves help to isolate a smaller portion of our water services so that when repairs are conducted, fewer properties are negatively affected.

Quantity: 4	Cost: \$84,000
Useful Life: 3-4 years	Score: 12

**2025**

**Project Name: Sidewalk Replacement (GF)**

Repair and replace damaged sidewalks following the prioritization map.

Quantity: 1250 lineal feet	Cost: \$50,000
Useful Life: 10	Score: 9



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**2025**

**Project Name: Walnut Street (GF/Streets))**

Mill & Cap Walnut Street and grade shoulders

Quantity: 1 street (16,000 Sq ft)	Cost: \$80,000
Useful Life: 10 years	Score: 12

**2025**

**Project Name: Railroad Street (GF/Streets))**

Mill & Cap Walnut Street and grade shoulders

Quantity: 1 street (8,000 Sq ft)	Cost: \$45,000
Useful Life: 10 years	Score: 12

**2025**

**Project Name: Vactor Truck (ISF/USDA)**

To keep our sewer lines, structures and lift stations clean and operational.

To dig and locate water lines, sewer lines and other things underground.

This would lesson our chances of damaging things that are hidden from view.(Fiber optic lines, Power lines.)

Quantity: 1250 lineal feet	Cost: \$500,000
Useful Life: 10	Score: 9

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**2026**

**Project Name: Proper Building over Cherry Street Lift Station (SF)**

Allow maintenance access so that the lift station can be properly maintained.

Quantity: 1	Cost: \$6,000
Useful Life: 12	Score: 6

**2026**

**Project Name: Galvanized Water Service Replacement (WF)**

Allow for replacement of water service lines that do not meet state lead and copper rules.

Quantity: 10 / year	Cost: \$15,000
Useful Life: 20 years	Score: 21

**2026**

**Project Name: Replace Nonfunctioning Fire Hydrants (WF)**

Install functional fire hydrants for fire protection.

Quantity: 2	Cost: \$34,000
Useful Life: 25	Score: 14

**2026**

**Project Name: Installation of 20 Valves (WF)**

Budgeted for the installation of three valves per year, but installation should be aligned with

Quantity: 4	Cost: \$84,000
Useful Life: 3-4 years	Score: 12

**2026**

**Project Name: Sidewalk Replacement (GF)**

Repair and replace damaged sidewalks following the prioritization map.

Quantity: 1250 lineal feet	Cost: \$50,000
Useful Life: 10	Score: 9

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**2027**

**Project Name: Galvanized Water Service Replacement (WF)**

Allow for replacement of water service lines that do not meet state lead and copper rules. These

Quantity: 10 / year	Cost: \$15,000
Useful Life: 20 years	Score: 21

**2027**

**Project Name: Installation of 20 Valves (WF)**

Budgeted for the installation of three valves per year, but installation should be aligned with larger

Quantity: 4	Cost: \$84,000
Useful Life: 3-4 years	Score: 12

**2027**

**Project Name: Mill and Cap East and West Elm Street (GF & STF)**

The road is in poor condition; resurface a street with heavy traffic.

Quantity: 2 roads	Cost: \$200,000
Useful Life: 10 years	Score: 11

**2027**

**Project Name: Sidewalk Replacement (GF)**

Repair and replace damaged sidewalks following the prioritization map.

Quantity: 625 lineal feet	Cost: \$25,000
Useful Life: 10	Score: 9

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**2028**

**Project Name: Abandon 1899 Water Main (USDA Loans)**

Replace the 1899 clay water mains.

Quantity: 12,250' of 1899 water main	Cost: \$1.5 million*
Useful Life: 25 Years	Score: 16
* Water main estimate \$120 per foot + 3% inflation	

**2028**

**Project Name: Clean North and South Wells (WF)**

Ensure adequate drinking water.

Quantity: 2	Cost: \$26,000
Useful Life: As needed, 5 years	Score: 14

**2028**

**Project Name: Installation of 20 Valves (WF)**

Budgeted for the installation of three valves per year, but installation should be

Quantity: 4	Cost: \$84,000
Useful Life: 3-4 years	Score: 12

**2028**

**Project Name: Sidewalk Replacement (GF)**

Repair and replace damaged sidewalks following the prioritization map.

Quantity: 625 lineal feet	Cost: \$25,000
Useful Life: 10	Score: 9