

Water Fund

Engineering Services

Project Cost: \$425,296

Operating Impact: \$0

Location: Various Locations

Description: Various and miscellaneous engineering services for studies and inspections.

Water Treatment Plant Capital

Project Cost: \$150,000

Operating Impact: \$10,000

Location: Water Treatment Plant

Description: Replacement of aging equipment, energy efficiency improvements, control system upgrades, landscaping and fencing.

Water Treatment Plant Concrete Pond Lining, Phase 2

Project Cost: \$400,000

Operating Impact: \$10,000

Location: Water Treatment Plant

Description: Install reinforced concrete bottoms in the existing sludge drying beds.

Main Pump Station Surge Control

Project Cost: \$250,000

Operating Impact: \$0

Location: Water Treatment Plant

Description: Install a surge compensation system to control surges in the water mains caused by power outages at the main pump station.

Gore Hill Elevated Tank Painting

Project Cost: \$344,000

Operating Impact: \$0

Location: Gore Hill

Description: Remove and replace interior coatings, repair corrosion pits and paint exterior.

Cathodic Protection - Meadowlark and Sun River

Project Cost: \$50,000

Operating Impact: \$0

Location: Meadowlark Country Club and Sun River

Description: Replace anode bed to maintain adequate protection on the 20 inch water main in the Meadowlark Country Club area. Replace section of 16 inch water main and install anodes in three locations south of the Sun River Crossing.

Water Treatment Plant Head House Floor Repairs

Project Cost: \$200,000

Operating Impact: \$0

Location: Water Treatment Plant

Description: Repair upper floor in the filter building head house.

Water Treatment Plant Energy Efficiency Improvements

Project Cost: \$50,000

Operating Impact: \$10,000

Location: Water Treatment Plant

Description: Improvements to increase the efficiency of the plant.

Main Improvements – Overlook Loop

Project Cost: \$250,000

Operating Impact: \$0

Location: Between upper and lower River Road.

Description: Upgrade water mains within the Montana Department of Transportation roadway construction area.

Unscheduled Development

Project Cost: \$124,704

Operating Impact: \$0

Location: Various Locations

Description: The size of a water main in a new development is determined by the City Water Master Plan and the area being developed; if the water main size is larger than the standard 8” main, a contribution is made by the City to assist in paying for the extra expense of installing the larger diameter pipe.

Agriculture Park Water Main

Project Cost: \$200,000

Operating Impact: \$15,000

Location: Agriculture Park

Description: City share of construction for water Service to the Agriculture Park.

1st Avenue North Water Main Replacement

Project Cost: \$50,000

Operating Impact: \$0

Location: 1st Avenue North: 18th Street North to 19th Street North

Description: Water transmission main replacement.

9th Street North Water Main Replacement

Project Cost: \$200,000

Operating Impact: \$0

Location: 9th Street North; Central Avenue to 4th Avenue North and 4th Avenue North; 9th Street North to 10th Street North

Description: Water transmission main replacement.

5th Avenue NW Water Main Replacement

Project Cost: \$560,000

Operating Impact: \$0

Location: 13th Street NW to 9th Street NW, 9th Street NW; 5th Avenue NW to 10th Avenue NW

Description: Water transmission main replacement.

Oddfellows Park to Broadwater Bay Water Main Replacement

Project Cost: \$765,000

Operating Impact: \$0

Location: Oddfellows Park to Broadwater Bay

Description: Water transmission main replacement.

River Crossing

Project Cost: \$235,000

Operating Impact: \$0

Location: Missouri River Crossing

Description: 30 inch water main across the river.

Large Meter Purchases

Project Cost: \$120,000

Operating Impact: \$1,000

Location: Various Locations

Description: The City provides meters for new construction or replacement of existing aging meters.

Sewer Fund

Engineering Services

Project Cost: \$115,392

Operating Impact: \$0

Location: Various Locations

Description: Various and miscellaneous engineering services for studies and inspections.

Miscellaneous Improvements

Project Cost: \$150,000

Operating Impact: \$0

Location: Wastewater Treatment Plant and Lift Station

Description: Replace small pumps, motors, heaters and lab equipment, repair concrete.

Electric Generator for Digester Gas

Project Cost: \$1,000,000

Operating Impact: \$15,000

Location: Wastewater Treatment Plant

Description: Install an electric generator fired by digester gas; to use in heating the digesters and if feasible, the plant heating system.

Sewer Rehabilitation

Project Cost: \$460,000

Operating Impact: \$0

Location: Various Locations

Description: Replace undersized sections of sewer main.

Replace Heating Water Lines

Project Cost: \$50,000

Operating Impact: \$0

Location: Wastewater Treatment Plant

Description: Replace distribution piping for heating water in the Wastewater Treatment Plant.

Upgrade Headworks Pump Station

Project Cost: \$744,000

Operating Impact: \$0

Location: Westside Wastewater Pump Station

Description: Replace or repair deteriorated concrete and embedded items in the influent channel/screening area.

Lift Station Improvements 1

Project Cost: \$40,000

Operating Impact: \$1,000

Location: Lift Station #23

Description: Provide corrosion control, improve ventilation system and repair wall penetrations.

Community Development Block Grants Infrastructure Project

Project Cost: \$20,000

Operating Impact: \$0

Location: Various Locations

Description: Replace existing storm drain structures such as inlet frames and grates, catch basins and inlet pipe runs.

Milwaukee Railroad Storm Drain Extension

Project Cost: \$50,000

Operating Impact: \$0

Location: Old Milwaukee Railroad Crossing

Description: Extend the storm drain to minimize potential impact of runoff to 38th Street.

9th Street South Storm Drain Improvement/Replacement

Project Cost: \$150,000

Operating Impact: \$0

Location: 9th Street South; 10th Avenue South to 15th Avenue South

Description: Extend the storm drain to improve drainage and reduce localized flooding.

East Great Falls/Giant Springs Outfall

Project Cost: \$100,000

Operating Impact: \$0

Location: East Great Falls

Description: Re-establish the flow line of the ditch and re-install the pipe sections.

Belview Detention Pond Landscaping

Project Cost: \$25,000

Operating Impact: \$0

Location: Belview Subdivision

Description: Landscaping, irrigation and other miscellaneous projects to improve the general aesthetics of the areas.

Public Works Pond Landscaping

Project Cost: \$10,000

Operating Impact: \$0

Location: Public Works Complex

Description: Landscaping, irrigation and other miscellaneous projects to improve the general aesthetics of the areas.

East Marketplace Detention Pond Landscaping/Design Modification

Project Cost: \$100,000

Operating Impact: \$0

Location: Marketplace, 25th Avenue NW, Upper Belview Detention Ponds

Description: Landscaping, irrigation and other miscellaneous projects to improve the general aesthetics of the areas.

Miscellaneous Inlet and Valley Gutter Projects

Project Cost: \$50,000

Operating Impact: \$50,000

Location: Various Locations

Description: Miscellaneous valley gutter, curb/gutter and inlet improvements to correct various surface drainage problems.

14th Street/15th Street Storm Drain Montana Department of Transportation

Project Cost: \$1,661,000

Operating Impact: \$0

Location: 14th Street and 15th Street; Central Avenue and 1st Avenue North

Description: Construct storm drain between the Missouri River and Central Avenue.

Street Fund

Miscellaneous Street Projects

Project Cost: \$100,000

Operating Impact: \$0

Location: Various locations

Description: Miscellaneous street repairs and maintenance.