



## MESSAGE FROM THE PUBLIC WORKS DIRECTOR

I am pleased to submit the Public Works Department's 2023 Annual Report. I hope that this brochure, along with additional details on the city's website, will demonstrate the commitment the Public Works staff has to delivering essential services to the Village. The department's ability to manage unforeseen challenges such as evolving environmental matters and outside agency requirements displays the commitment we have to embody our mission to "...enhance the quality of life to our residents, businesses, and visitors by providing safe, reliable, and effective service."

I am grateful for the opportunity to work alongside this talented, skilled, and dedicated group. Their effort every day to serve this community, whether in the public eye or behind the scenes, contributes to enhancing all the aspects that make the Village a great place to live, work, and play.

Notable accomplishments in 2023 include:

- Implemented Emerald Ash Borer Management Plan
- Implemented Inflow and Infiltration Mitigation Plan
- Snow plow naming contest collaborating with St. Charles Borromeo and St. Anthony Middle School
- Maintained GreenStep 5
- Maintained Tree City USA recognition by the Arbor Day Foundation for seven consecutive years
- Completed the annual Consumer Confidence Report for drinking water quality
- Annual events:
  - Spring Clean-Up Day
  - Two cardboard recycling events
  - Two residential branch chipping collections
  - Rain barrel distribution



## EMERALD ASH BORER MANAGEMENT PLAN

Public Works staff worked with our engineering consultant, WSB, to establish and implement an Emerald Ash Borer (EAB) Management Plan in 2023. The purpose of the plan is to minimize and spread out over a ten year period the significant fiscal and environmental impacts of emerald ash borer. The plan identified three best management practices:

- (1) proactively monitor and inspect for the pest on city property,
- (2) treat ash trees with trunk-injected insecticide, and
- (3) remove ash trees that are infested with EAB.

The city is currently treating 35 trees. 29 trees were removed.

## INFLOW AND INFILTRATION

The Met Council identified the city as a contributor of excess inflow and infiltration (I/I) and mandated the implementation of a mitigation plan. I/I is the excess flow of clear water into the city's sanitary sewer system.

The city has replaced 80% of its sanitary sewer pipe to eliminate I/I.

On March 1, 2023, Ordinance 2022-09 requiring sump pump and sewer line inspections at the point of sale and rental license renewal of a property went into effect. There were 184 inspections in 2023, with 20% requiring repair to comply with the ordinance.



612-782-3441



jeremy.gumke@savmn.com



3801 Chandler Dr., St. Anthony, 55421



savmn.com/publicworks



EAB Infested Tree



EAB Treatment Tree



Root Intrusion



Cured-In-Place Pipe Liner

## STREETS DEPARTMENT

The Streets Department consists of six full-time staff and is responsible for the maintenance and repair of the approximately 25 centerline miles of city streets and 18 miles of sidewalks and trails within St. Anthony. These responsibilities include pothole repair, snow plowing, street sweeping, boulevard tree planting and maintenance, and sign installation and repair.



2 full city plow events



73 tons of asphalt to repair pavement



11 city-wide street sweepings



19 trees planted in city right-of-way and parks



## UTILITIES DEPARTMENT

The Utilities Department consists of two full-time employees responsible for the production and distribution of safe drinking water, the maintenance of the sanitary and storm sewer systems, and the operation and maintenance of the city's fire hydrant network.

Drinking water in the city is sourced from the Jordan Aquifer 500 feet below ground. Two wells simultaneously pull the water into a transmission line that delivers the water to the Water Treatment Plant. The water is then treated by a three-step process to remove impurities, stored in a 2-million gallon reservoir, and pumped into the 250,000-gallon water tower before being delivered to approximately 2,500 water service connections in the city.

In 2023 the city implemented a sodium bisulfite feed system to remove small amounts of residual chlorine in the backwash water used to clean the iron and manganese filters.



The Water Treatment Plant produced 293 million gallons of water in 2023



@CityofSAV



@CityofStAnthony



@City of St. Anthony Minnesota

# PARKS DEPARTMENT

The Parks Department is responsible for the maintenance and repair of the city's parks system including operations of the park buildings, maintenance of park grounds and playground equipment, operation and repair of irrigation systems, maintenance of athletic fields and ice rinks, and maintenance of the grounds at city buildings. The city has four parks that provide playground amenities and two parks that provide leisurely recreation. The Parks Department consists of three full-time employees and a variable number of part-time seasonal employees in the summer and winter months.

The city is entering the final year of a three-year partnership with Minnesota Native Landscapes to restore the native vegetation at Mirror Lake, the Central Park Bio-Swale, and Salo Park. 2023 focused on eliminating invasive vegetation and planting native species appropriate for each site. 2024's efforts will be focused on the long-term establishment of the new plantings.



Central Park Bio-Swale



Salo Park

# FLEET MAINTENANCE DEPARTMENT

The Fleet Maintenance Department consists of one full-time employee. The department services, maintains, and repairs the city's entire vehicle and equipment fleet including Public Works, the Police Department, and the Fire Department. There are currently over 60 vehicles and pieces of major equipment, and many smaller pieces that are serviced and repaired by the department. Equipment purchases are scheduled on the city's Capital Improvement Program and are primarily selected from the Minnesota Department of Transportation's Equipment Purchasing contract.



Parks Dept. Toolcat Utility Machine



Streets & Parks Dept. Ventrac Tractor

# ENGINEERING

The City of St. Anthony partners with WSB & Associates, Inc. for engineering and consulting services on many of the city's construction and improvement projects. Engineering activities in a typical year include street and utility reconstruction, stormwater quality and flood improvements, mill & overlay, pavement preservation, and other infrastructure-related improvements.

In 2023 the city completed the restoration of Harding Pond removing 2,500 cubic yards of sediment and the application of reclamite pavement surface rejuvenator to improve the durability and flexibility of several streets.



Harding Pond Restoration



Reclamite Pavement Rejuvenator



# 2023 PUBLIC WORKS ANNUAL REPORT

Public works is the combination of physical assets, management practices, policies, and personnel necessary for the city to provide and sustain structures and services essential to the welfare and quality of life of St. Anthony residents, visitors, and businesses.

We are relied on for water distribution, sanitary sewer and storm sewer systems, parks maintenance, equipment maintenance, and street systems maintenance. In addition, we respond to emergencies from windstorms and blizzards, to watermain breaks and public safety.

Public works consists of six divisions, with 14 full-time staff in addition to partnering with our engineering consultant, WSB & Associates.

Our department takes pride in delivering quality service to the residents, visitors, and businesses of this great community, while working collaboratively with all city departments.

