

Priorities Plan Update

October 2024





Tonight's Discussion

1

History and evolution of Priorities Plan

2

Overview of five priority areas

3

In-depth focus: Utilities and Natural Environment/Community Design

4

Next steps

History and Background

- Bridge to 2023 Priorities Plan created in 2021 to ensure organizational focus alignment with community priorities.
- Priorities served as foundation for annual budget discussions.
- Much was accomplished during this three-year period, and the stage set for ongoing and long-term progress.
- Same vision and values continue to guide the organization. However, 2023 community survey provided an updated look at sentiment about valued services and community amenities.
- City has redefined its goals toward areas of highest value and importance to residents.
- Goals to be accomplished over a two- to five-year time frame.

Priorities Overview



Utilities

Provide infrastructure, electric service, and water/wastewater services that are reliable and safe.



Economy

Promote development of the local economy and be a good steward of city tax revenues.



Mobility

Residents can move about the community with ease in a variety of modes.



Natural Environment/ Community Design

Ensure a well-designed community that values the natural environment.



Safety

Provide a safe and secure community for all Naperville residents and businesses.



Utilities

Utilities Priority Goals - Overview



Priority Goal

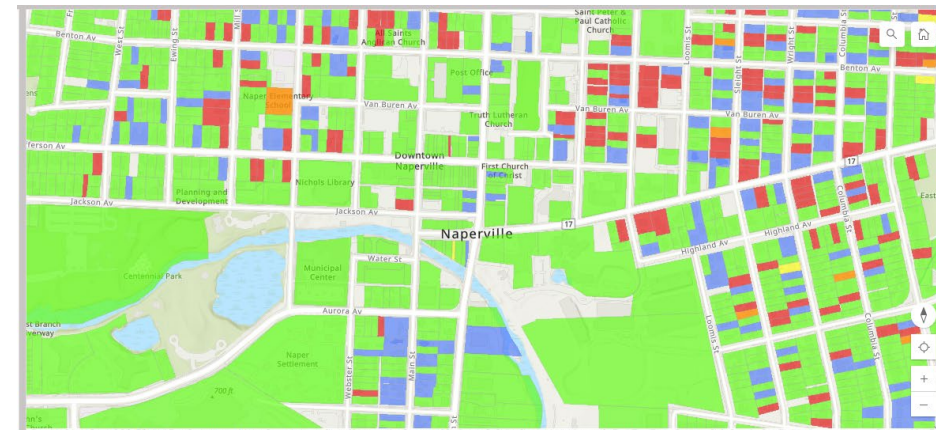
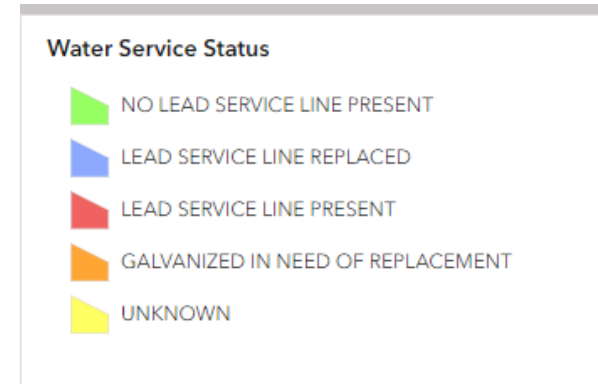
In order to ensure the reliable delivery of power beyond 2035, the Electric Utility will publicly evaluate the City's option to procure energy and associated services.

In order to protect the health and welfare of our customers and meet regulatory requirements, the Water Utilities will complete upgrades and expansion of the Springbrook Water Reclamation Center and lead service line removals by 2030.

In order to preserve water resources and mitigate unnecessary rate increases, the Water Utilities will work to reduce non-revenue water by 2.5% of purchased water by December 2027.

Lead Service Line Replacement

- Working to remove all known lead service lines at no cost to homeowners.
- Local ordinance banned lead pipes in 1960. Lead water service banned nationally by the U.S. EPA in 1986.
- Beginning in 2024, Illinois EPA is requiring municipalities to establish annual lead service replacement plans.
- City regularly tests its drinking water to ensure water quality meets or exceeds all parameters.
- Taking an aggressive approach to replace lead service lines well in advance of IEPA deadlines.



99.17%

of 42,000+ parcels are lead-free

281

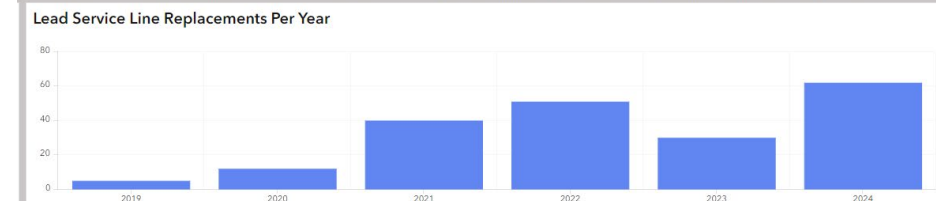
lead service lines remain

28

galvanized service lines remain

41

unconfirmed parcels



<https://www.arcgis.com/apps/dashboards/2521aaff6f594f5a86c23c8a9ebddaf1>

Springbrook Upgrades

- Constructed in 1974
- Treats wastewater from Naperville and Warrenville
- Four expansions between 1982 – 1999
- Three drivers for upgrades:
 - **Increasing demand:** Population served has increased 16% since last upgrade.
 - **Aging infrastructure:** Facility assessments revealed several major repairs needed to maintain service.
 - **Regulatory changes:** Discharge permit from IEPA requires phosphorus to be removed from wastewater.



MULTI-YEAR REQUIRED REVITALIZATION OF SPRINGBROOK

UV Disinfection



Influent Pump Stations



South Plant Grit and RAS



South Plant Capacity Upgrades



Nutrient Removal & North Plant Aeration



Cloth Media Disc Filters



\$180M

Estimated Investment
2021-2030

Tied to NPDES
permit renewal



Rate Study Period

Springbrook Upgrades

- Upgrades consist of multiple Capital Improvement Plan projects lasting into 2030 (estimated cost is \$179.8 million).
- First project — UV disinfection — will be finished this year. Replaces chlorine disinfection with ultraviolet light.
- Influent pump station currently under construction. South Plant RAS/grit improvements, out for bid.
- Construction tentatively scheduled for 2025-2029. Design ongoing for South Plant capacity upgrades and improvements.



Water Main Replacement

- Total watermain in system — 695 miles
- Reduce watermain breaks and non-revenue water loss
- Maintain service levels
- Maintain water quality
- Increase miles of watermain replacement in future years to 6 miles/year





Natural Environment/ Community Design

Natural Environment/Community Design Priority Goals - Overview



Priority Goal

In order to maintain the Riverwalk's cultural, environmental and economic impact, the City and its community partners will implement the Riverwalk 2031 Master Plan.

In order to improve water quality and develop sustainable green infrastructure, the City will establish and measure the impacts of the Native Vegetation Management Program through 2028.

In order to further engage the community in preserving the environment, the City will increase the marketing of opportunities for residents and businesses to actively participate in conservation and environmental sustainability initiatives.

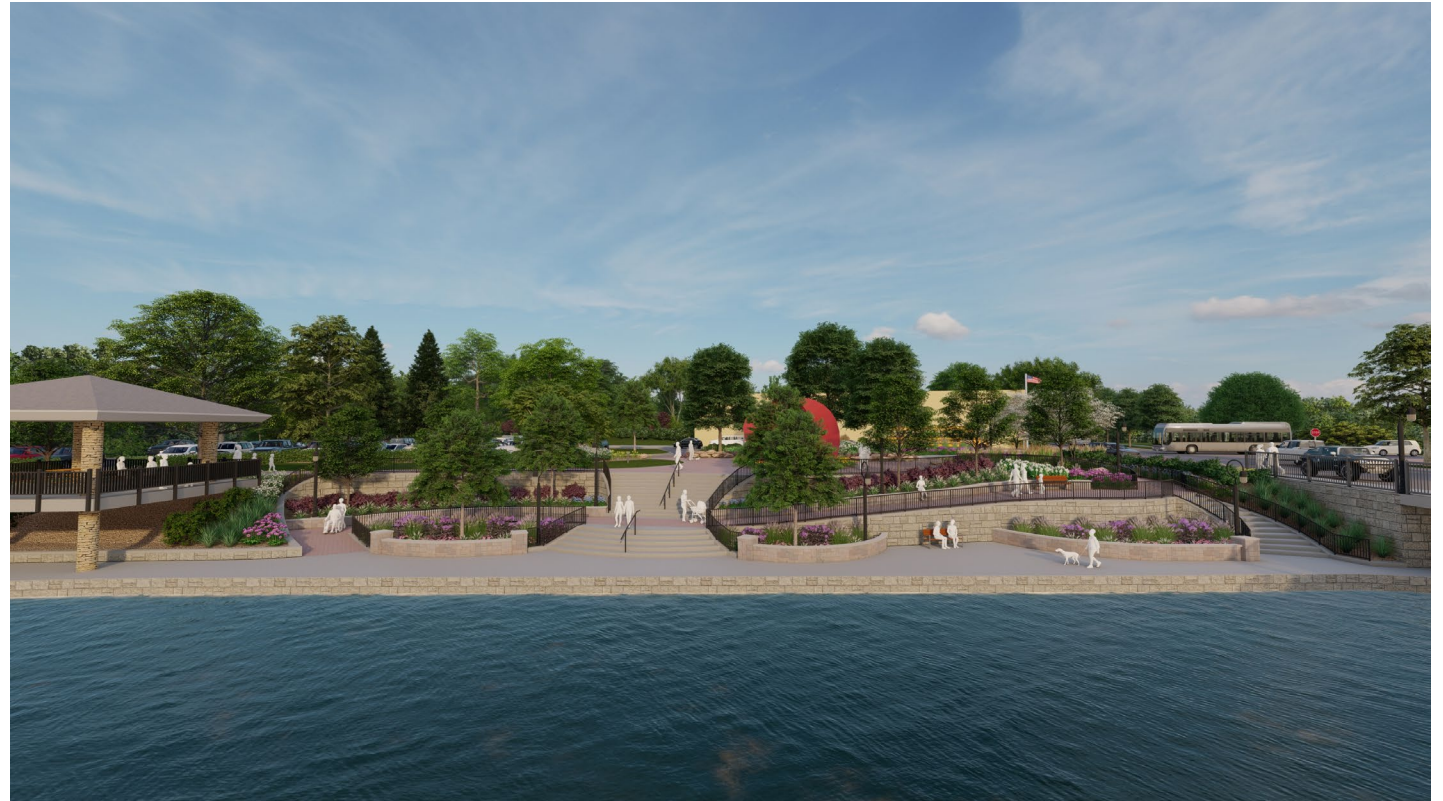
Riverwalk 2031 Master Plan

- Prairie Nature Garden — constructed summer 2024. Work completed by Park District contractors and the City's Department of Public Works concrete crew.
- Riverwalk Foundation contributed \$45,000 to complete.
- 430 S. Washington Street Park — to be placed out for bid after completion of the Washington Street bridge (second half of 2025). Construction planned for late 2025 to 2026.



Riverwalk 2031 Master Plan

- Eagle Street Gateway Project — bid in spring 2024. Bids were substantially higher than anticipated.
- Modifications being made to plans. Currently out for bid with an anticipated award date in December. Construction planned for 2025.
- South Extension of the Riverwalk from Hillside Road to Martin Avenue — currently in design and permitting phase. Project to be bid in late 2025, with construction planned for 2026.



Natural Environment/Community Design Priority Goals - Overview



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Native Vegetation Management Program

- Work began in 2023, with help of consultant.
- Included sites (five original; one added halfway through 2024):
 - Lake Osborne (1.4 acres)
 - Old Plank Park (9.9 acres)
 - Country Commons (7.4 acres)
 - Public Works (1.5 acres)
 - Auto Test Track (2.0 acres)
 - Washington Street Signage (0.8 acres)
- Site status:
 - Evaluation — complete
 - Clearing — complete with exception of Washington Street
 - Weed control — ongoing throughout growing season
 - Native plant and seed installation — to take place in fall, after controlled burning
 - Controlled burning — fall/next spring



Native Vegetation Management Program

- Timeline: three to five years to get sites in optimal condition.
- Long-term maintenance programs being developed, to include annual performance metrics.
- Developing standardized conservation management signage to go along edges of mowed turf and no-mow conservation areas.
- Developing educational kiosks at key locations such as Lake Osborne.



Native Vegetation Management Program

- Thirteen new sites being evaluated for inclusion.
- Seven sites, totaling 32.6 acres, have already been evaluated, including:
 - Lake Osborne shoreline (7 acres)
 - Basin 06 site — Oswego Road and Oakhurst Drive (7.1 acres)
 - Basin 07 site — Oswego Road and Sequoia Road (2.5 acres)
 - “South 40” Berm and Fire Station 6 (13 acres)
 - Naper Blvd., Ogden to Plank (1.7 acres)
 - 75th Street and Bay Colony Road (1.3 acres)



Next Steps

1 Public webpage updated

2 Spring 2025: Update #2

- Focus on Economy, Mobility and Safety



A photograph of a modern, multi-story building with a dark facade and large windows. In the foreground, there is a circular fountain with two jets of water spraying upwards. To the left, there are some green plants and a set of concrete steps leading up to the building. A blue rectangular overlay covers the right side of the image, containing the text "Questions and Discussion" in white. A thin white horizontal line is positioned below the text.

Questions and Discussion
