

Infrastructure

Element Summary: 13-IN

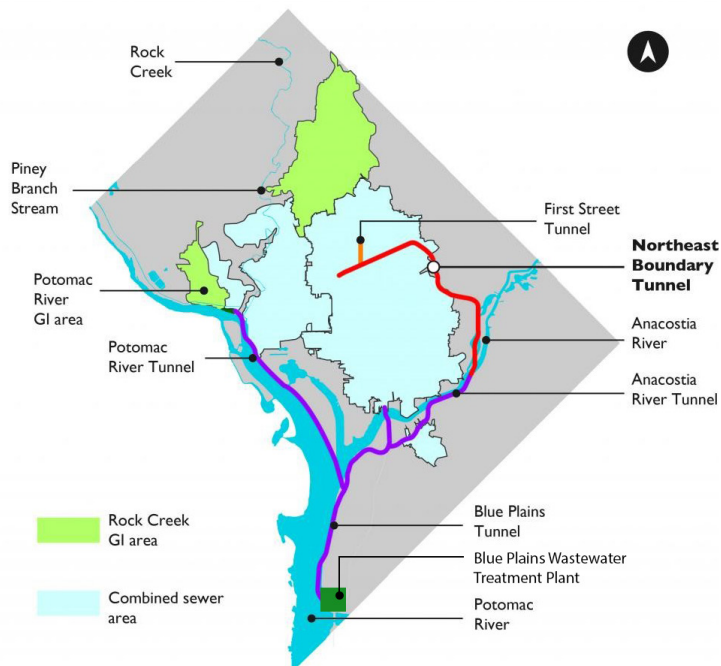
GOAL

Provide high-quality, robust, efficiently managed and maintained, and properly funded infrastructure to meet the needs of residents, workers and visitors in an accessible and equitable way, as well as supporting future change and growth.

CONTENTS

- **IN-1 Drinking Water:** provides guidance on maintaining and improving the District's drinking water system, including ensuring a safe and adequate water supply.
- **IN-2 Wastewater and Stormwater Systems:** addresses wastewater and stormwater as well as DC Water's efforts to improve its system to meet current and future needs.
- **IN-3 Solid Waste:** discusses the District's solid waste program and provides guidance on how to reduce waste in order to achieve zero waste.
- **IN-4 Digital Infrastructure:** highlights the importance of digital access to equity goals and provides guidance on new technologies.
- **IN-5 Energy Infrastructure:** emphasizes the need for the use of renewable sources and the importance of an efficient electric system.
- **IN-6 Infrastructure and Growth:** focuses on the need to plan for, coordinate, fund, and implement capital improvements to address existing infrastructure needs and accommodate new growth.
- **IN-7 Infrastructure Resilience:** addresses the need to design infrastructure that can better withstand man-made and environmental shocks and stressors.

Combined Sewer Area and Tunnel System



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SUMMARY OF MAJOR POLICY THEMES

Planning for Growth

- Undertake infrastructure system capacity planning when master planning for new neighborhoods and large sites.
- Ensure that infrastructure upgrades are carefully scheduled and coordinated with development and redevelopment plans.

Improving the Health of Area Waterways

- Ensure a safe, adequate and clean water supply, including in times of stress such as drought, to serve current and future District needs by working with other regional jurisdictions, the Army Corps of Engineers and DC Water.
- Work proactively with DC Water to repair and replace aging infrastructure, and to upgrade the water distribution system to meet current and future demand.
- Reduce stormwater runoff through a variety of approaches, such as raingardens, bioswales, green roofs, trees, cisterns, and pervious pavement.
- Reduce the number of Combined Sewer Overflow (CSO) outfalls that drain into the District rivers, by completing implementation of DC Water's Clean Rivers Project which will reduce CSO outfall events by 98 percent to the Anacostia River and 96 percent system-wide when fully implemented.

Developing Sustainable Infrastructure

- Work to achieve Zero Waste in the District by 2032 through diversion of 80 percent or more of waste generated in the District, which can be achieved through reuse, composting, and recycling.
- Modernize the energy delivery system, making it more reliable, efficient, and cost-effective, contributing to the District's sustainability.

Advancing Digital Equity

- Expand the public wireless coverage that provides District residents, workers, and visitors access to highly reliable and secure internet-based services.
- Enhance access to digital services in the District to reduce the digital divide, including through expansion of public wireless coverage in underserved communities and provision of such access at schools, libraries and other District government facilities.
- Prioritize equity in the public and private implementation of new and emerging technologies.

Ensuring Infrastructure Sufficiency

- Support investments in infrastructure to reach and maintain a state of good repair across all systems.
- Ensure adequate electric supply to serve current and future District needs.
- Continue implementing the DC Power Line Undergrounding (DC PLUG) initiative which is enhancing resiliency and the likelihood of reducing power outages caused by storms.