



**2026 - 2028
CAPITAL IMPROVEMENT PROGRAM**

BOSTON WATER AND SEWER COMMISSION



BOSTON WATER AND SEWER COMMISSION CAPITAL IMPROVEMENT PROGRAM 2026-2028

*Henry F. Vitale
Executive Director
November 2025*

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EXECUTIVE SUMMARY

The Boston Water and Sewer Commission (“the Commission” or “BWSC”) is a body politic and corporate and political subdivision of the Commonwealth created by Chapter 436 of the Acts of 1977 (“Enabling Act”). The Enabling Act abolished the water and sewer divisions within the City of Boston Public Works Department and transferred the ownership, operation and control of the water, sewer and storm drain systems to the Commission. As a public instrumentality, the Commission performs an essential public function in providing water and sewer services to the residents of the City of Boston. The Act authorizes the Commission to construct and make improvements to the water and sewer systems, establish and collect rates and charges for its services and finance its operations and improvements through revenue collections and the sale of bonds and notes payable solely from the Commission’s revenues. The Act further provides that any revenue surplus earned by the Commission in any Fiscal Year shall be credited to the next year’s rates or returned to the City of Boston. Since its inception, the Commission has generated a surplus in each year of its operations and has credited the surplus to the reduction of the next year’s rates.

The Enabling Act and the Commission’s General Revenue Bond Resolution adopted December 6, 1984 (“the Resolution”) require the Commission, on an annual basis, to develop a three-year Capital Improvement Program (“CIP”). Information generated by the Commission’s ongoing monitoring programs for the systems and from various engineering data files, together with information concerning the development needs of the City, is used to compile a list of pipes, conduits, transmission mains and other system components to be either renewed, replaced, relocated or added to the systems each year. The CIP outlines the schedule and implementation of the capital projects necessary to maintain and improve the water and sewer systems for the ensuing three-year period. Due to pace of project implementation, the actual expenditures are currently expected to occur over a longer period of time. While there can be no assurance that projections for the projects included in the 2026-2028 CIP will not be exceeded or that additional projects will not be required, the Commission believes the amounts set forth the 2026-2028 Capital Improvement Program are reasonable for such projects.

The Commission in compliance with the requirements of the Enabling Act and the Resolution, project costs of the Commission’s Capital Improvement Program from Fiscal Years 2026 through 2028 total approximately \$389.6 million.

Since the Commission’s inception in 1977, the Commission has set forth its Capital Improvement Plan to provide for long-term capital improvements to its water distribution and sewer collection systems, governed by a core commitment to prudent fiscal management. Comprehensive and well-planned water distribution system maintenance and planning has sustained superior water service for our customers and resulted in a low incidence of system failures. The Commission has also led the industry in implementing effective water conservation measures, including dedication to deploying the most efficient technologies and practices enabling the Commission to maximize cost savings.

The Commission utilizes effective conservation measures through continued efforts to eliminate leaks across the system through advanced leak detection technology and proactive maintenance of the system’s water mains.

DISCUSSION OF MANAGEMENT OBJECTIVES AND ACCOMPLISHMENTS

The Commission was created to maintain and improve the long-term quality and reliability of water, sewer, and stormwater services for all users in the City and to assure adequate funding for operation and maintenance of the systems. For the purposes of this document, “Systems” include the water distribution system (including potable water and fire suppression facilities) and sewer system (including separate sanitary sewers, separate stormwater drains and combined sewers) and the related appurtenances and fixtures. The Commission is committed to four primary goals:

- To maintain and improve the water distribution and wastewater collection systems. The Commission is committed to various improvements to the Water Distribution and Sewer Systems, including following an aggressive renewal and replacement program, reducing unaccounted for water, encouraging conservation and improving the environment. The Commission is also committed to meeting and exceeding the requirements of all federal and state water and wastewater laws, regulations and technical standards.
- To establish and administer a billing and collections system that is fair and efficient. The Commission has worked to establish a rate structure that fully and fairly reflects its costs, properly distributes the financial obligation concerning its customer base and encourages water conservation. The metering, billing, and collection process is a central focus of the Commission’s full management team, and the Commission is committed to maintaining its strong record in that area.
- To maintain a strong financial structure. The Commission has consistently employed conservative financial projections and budgeting assumptions, maintained adequate reserves, and struck a reasonable balance between debt funding and rate funding of capital expenses.
- To sustain the effectiveness of investments / compliance of regulations. The Commission is committed to complying with all its regulatory obligations under federal and state laws, including the Safe Drinking Water Act (“SDWA”) and Clean Water Act (“CWA”) with its National Pollutant Discharge Elimination System (“NPDES”) permitting obligations for both its stormwater systems and combined sewer systems. Compliance obligations also extend to meeting and exceeding the goals and requirements of the Boston Harbor Decree and the Consent Decree executed in 2012 with the Environmental Protection Agency (“EPA”) related to stormwater discharges.

In planning its CIP, the Commission balances the recognized need for ongoing renewal and replacement and preservation of its Systems with the desirability of specific improvements to accommodate development or redevelopment plans for the city. Wherever feasible, capital improvements are scheduled in cooperation with the street rebuilding and reconstruction activities of the City’s Department of Public Works, the Boston Planning Department, and Massachusetts Department of Transportation.

OBJECTIVES

The overall objectives of the Commission’s 2026-2028 CIP are to ensure the delivery of high-quality potable water for consumption and fire protection, as well as the efficient collection of sewage for transport and delivery to a treatment facility or for approved discharge. In addition, the CIP includes projects to improve overall efficiency of the Commission and to enhance the Commission’s ability to provide services to its customers.

The Stormwater category was created in 2017 that focuses on Stormwater management. This category funds projects with goals of improving both stormwater conveyance and the water quality of discharges to local receiving waters. These projects ensure compliance with state and federal regulations, help to minimizing flooding, and strategically manage Stormwater throughout the City of Boston. The primary purpose of the Stormwater category in the 2026-2028 CIP is replacement and rehabilitation of drain pipes throughout the City, the installation of new drain pipes for sewer separation, and the replacement of existing and installation of new tide gates near the coastline.

CIP expenditures are divided into four categories: Water Distribution System projects, Sewer System projects, Support projects and Stormwater projects. Water Distribution System projects account for \$117.5 million, or 30.2% of the 2026-2028 CIP. Sewer System projects comprise \$143.3 million, or 36.8%, Support projects total \$59.0 million, or 15.1% of the expenditures outlined in the program, and Stormwater projects account for \$69.8 million, or 17.9% of the 2026-2028 CIP.

Total capital expenditures of \$139.2 million are outlined for 2026. Water Distribution projects comprise \$45.4 million, or 32.6% of the 2026 CIP. Sewer System projects account for \$48.6 million, or 34.9%; Support projects account for \$28.4 million of the 2026 amount, or 20.4%; Stormwater projects totaling \$16.8 million of the 2026 amount, or 12.1%.

Tables 1 and 2 represent the cash flow expenditures and funding sources for the Commission’s 2026-2028 CIP.

Table 1 - 2026-2028 CIP Cash Flows

Program	2026	2027	2028	2026-2028
Water	\$45,409,192	\$38,401,981	\$33,658,690	\$117,469,863
Sewer	\$48,562,918	\$50,221,800	\$44,063,518	\$143,338,470
Support	\$28,414,015	\$15,451,101	\$15,125,287	\$58,990,403
Stormwater	\$16,789,464	\$22,506,684	\$30,532,690	\$69,828,839
Total	\$139,175,589	\$ 126,581,566	\$123,380,185	\$ 389,627,575

CIP expenditures are funded by five funding sources: Bonds, Rate Revenue, the MWRA funded Local Water System Assistance Program (LWSAP), the MWRA funded I/I Local Financial Assistance Program (MWII), and the State Revolving Fund (SRF). In 2000 the MWRA instituted a new assistance program for the identification and removal of lead from water pipes. This program is called the Lead Service Line Replacement Loan Program (MWLLP). Costs for this program are associated under the MWRA Water Assistance program and SRF. Rate funded projects comprise of \$147.2 million or 37.8%; Bonds funded projects account for \$135.3 million of the 2026-2028 CIP or 34.7%; MWRA funded sewer projects account for \$33.2 million of the 2026-2028 CIP or 8.5%; SRF funded projects account for \$70.5 or 18.1% of the 2026-2028 CIP; and MWRA funded water projects total \$3.4 million of the expenditures outlined in the program or 0.9%.

Total capital expenditures of \$139.2 million are outlined for 2026. Bond funded projects comprise \$52.8 million of the 2026 amount or 37.9%; Rate funded projects account for \$48.3 million of the 2026 amount or 34.7%; I/I projects total \$16.1 million of the 2026 amount or 11.6%; and SRF account for \$18.6 million of the 2026 amount or 13.4%; and MWRA Water projects account for \$3.4 million of the 2026 amount or 2.4%.

Table 2 – 2026-2028 CIP Funding Sources

Program	2026	2027	2028	2026-2028
BWSC Bonds	\$52,766,359	\$49,173,955	\$33,337,647	\$135,277,960
Rate Revenue	\$48,319,997	\$48,476,568	\$49,924,233	\$147,211,033
MWRA Water Assistance	\$3,365,822	\$0	\$0	\$3,365,822
MWRA I/I Assistance	\$16,148,087	\$13,199,978	\$3,901,360	\$33,249,424
SRF	\$18,575,323	\$15,731,066	\$36,216,946	\$70,523,334
Total	\$139,175,589	\$126,581,566	\$123,380,185	\$389,627,575

PROJECT HIGHLIGHTS

The Commission's CIP includes projects to improve the overall efficiency and to enhance the Commission's ability to provide services to its customers. The projects included in this CIP are intended to accomplish these objectives in the most efficient and cost-effective manner. The Commission intends to enhance Boston's water, sewer, and stormwater infrastructure with several targeted projects included in the 2026-2028 Capital Improvement Program. Some of the major projects are listed below:

- ✓ Fort Point Channel and Mystic/Chelsea Combined Sewer Overflow Control Projects
- ✓ Water Main Large Valve Replacement
- ✓ Rehabilitation of the New Boston Main Interceptor (NBMI)
- ✓ East Boston Sewer Separation
- ✓ South Boston Sewer Separation
- ✓ Design of Dorchester Interceptor - Relief Sewer
- ✓ West Roxbury and Hyde Park SSES
- ✓ City-wide Illegal Connections Investigations
- ✓ Upgrades to Union Park Pumping Station & Satellite Stations
- ✓ Charlestown SSES
- ✓ Charlestown Sewer Separation
- ✓ Construction of Daisy Field Green Infrastructure
- ✓ Willow Pond Road Stormwater Treatment Vault
- ✓ Coastal Stormwater Impact Analysis
- ✓ Projects affiliated with the Consent Decree; includes cleaning and televising 85 miles of sewer and drains
- ✓ Improvements of Information Technology
- ✓ Citywide Renewal & Rehabilitation of Drains and Sewers
- ✓ Lead Sampling and Education Program for Schools and Childcare Facilities

WATER DISTRIBUTION SYSTEM

Since its creation, the Boston Water and Sewer Commission has provided the City of Boston with reliable, quality water. A program, which began as an aggressive 17 miles of water pipe replaced or rehabilitated annually based on age and the City's construction schedule, has transformed into a successful asset management approach. When combined with an aggressive leak detection and flushing program, the results have been undeniable. The Commission has averaged just over 35 water pipe failures per year and has witnessed its unbilled water drop from 48% to 18%. The Commission utilizes effective conservation measures through continued efforts to eliminate leaks across the system through advanced leak detection technology and proactive maintenance of the system's water mains.

In 1991, the EPA issued the Lead and Copper Rule (the "Lead Rule") regulating the concentration of lead and copper in drinking water. Lead enters tap water through corrosion, or wearing away of lead contained in service piping, solder used in plumbing and some brass fixtures. The Commission's drinking water is treated at the MWRA's John J. Carroll facility to make it less corrosive. Under the Lead Rule, water suppliers must conduct treatment lead and copper sampling programs, identify and implement optimal corrosion control treatment and provide information to the public on ways to further reduce their exposure to lead in drinking water. At the time the Lead Rule was passed, the MWRA and MassDEP agreed that, since the MWRA was a consecutive water supplier and provides the same drinking water to all communities it serves, the number of lead and copper samples the MWRA communities were required to collect could be reduced. The Commission collects water samples from the required 33 customer locations and submits them to the MWRA. The MWRA analyzes the samples for lead and copper content and provides the results from all the MWRA local communities to MassDEP.

In 2004, the Commission created the Lead Replacement Incentive Program. In accordance with state and federal regulations, the Commission continues its sampling program at 33 private sites that are known to have lead services. Importantly, Boston drinking water is lead free when it leaves the reservoirs, and the MWRA and Boston's water mains do not contain lead. In October 2021, the Commission and MassDEP executed an administrative consent order requiring the Commission to remove at least three hundred lead service lines annually as well as perform 700 investigations of water services on the "lead, unknown and other" inventory lists. The MassDEP has approved the Commission for partial funding of this program, including 100% reimbursement for the investigations and 40% grant for lead water service removals. As part of the plan, the Commission implemented a robust public education program to inform particularly vulnerable members of the public about the dangers of lead in water. The Commission's website provides information for customers to indicate the potential of a lead service on their property. The Commission expanded its Lead Service Line Program, which was approved by MassDEP in March 2021. In October 2023, the Commission's lead sample results from identified private homes exceeded 15 parts per billion at 6 of the 33 tested locations, thus exceeding EPA's action level of 15 parts per billion at the 90th percentile. The Commission is continuing the removal of known lead service lines in the system and investigating service lines of unknown composition. The Commission agreed to implement the removal of private lead service lines as part of the Administrative Order ahead of the pending EPA changes to the Lead and Copper Rule. The change upon implementation at a future date uncertain, will require systems to remove all lead lines in the public way and also those located on private property. On July 26, 2023, the Commissioners voted to amend the financial assistance program removing any cost limits on lead removal on private property whereas DEP has provided a commitment to give a grant for 30% of the lead replacement costs as well as 100% grant on investigations. In October 2023, the Clean Water Trust in conjunction with DEP approved an increase to the grant in the amount of 40% of the contract.

From January 1st to date, the number of private lead service removals is 330 and the number of public lead removals is 21. Lead was removed from 18 services on both the public side and the private side for a total of 369 addresses where lead has been removed. In 2025, 198 Vacuum investigations have occurred, finding 12 lead services and 186 copper services and other material services, in 2025, 690 scratch tests were conducted, finding 207 lead services and copper services and other material services.

The Safe Drinking Water Act (SDWA) requires that all community water systems publish an annual drinking water quality report to be distributed to all customers of each community system. The report, called a Consumer Confidence Report, is required to contain monitoring results of all detected contaminants that are regulated by the EPA. The regulations governing this provision of the SDWA were promulgated in August 1998. The report has been published annually since 1998 by the MWRA, in cooperation with the communities it serves.

The Public Health Security and Bioterrorism Response Act, enacted in June 2002, mandated the preparation of a Vulnerability Assessment and Emergency Response Plan (ERP) by each public drinking water supplier. The Emergency Response Plan addresses the actions to be taken in response to a major or catastrophic events and terrorists attack on the Commission's Water Distribution System. Based in part upon the findings of the Vulnerability Assessment and the Emergency Response Plan, the Commission continues to design and develop Water Distribution System Improvements to mitigate, prevent, detect and respond to disruptive acts and terrorist activities.

America's Water Infrastructure Act of 2018 (AWAI) mandated the preparation of an All-Hazard and Resilience Assessment (RRA) to evaluate the Commission's vulnerabilities and a full update of the existing Water Emergency Response Plans (ERP) for public water systems (PWSs) with a focus on Cybersecurity. The Water Emergency Response Plan addresses the actions to be taken in response to major or catastrophic natural or man-made events on the Commission's water distribution system and associated facilities

The Commission took this opportunity to redesign and update all of BWSC's Emergency Planning and drafted a new Collection System Emergency Response Plan along with several Incident Specific Response plans for specific situations like sever weather and major interceptor failure. Based in part upon the finding of the Risk and Resilience Assessment and the Emergency Response Plan, the Commission continues to design and develop Water and Collection systems improvements to mitigate, prevent, detect, and respond to man-made and natural hazards and incidents.

The Boston Water & Sewer Commission has completed and submitted both the Risk and Resilience Assessment (RRA) and the Emergency Response Plan (ERP) for certification in compliance with the EPA's five-year recertification requirement. The RRA was completed and submitted on March 28, 2025, ensuring that system vulnerabilities and critical assets were thoroughly evaluated and updated. Subsequently, the ERP was finalized and submitted on September 29, 2025. Together, these submissions confirm the Commission's ongoing commitment to maintaining regulatory compliance and enhancing the security and resilience of its water infrastructure.

In 2011, the Commission completed a Water Distribution Study, which provided a thorough understanding of the water system and how to best manage it. The study gave all stakeholders a better sense of the history of Boston's water infrastructure and provided key insights into current conditions. The study has been responsible for the development of best management practices in value maintenance, main flushing and more effective methodology of selecting pipe to be replaced under the Capital Improvement Plan. Not only do these tools assist current Commission employees with an understanding of the system, but they also provide future employees with a roadmap for optimal system maintenance.

The three-year study was divided into two phases. The first phase was to have both Commission staff and a hired contractor collect 93 pipe samples (coupons). The samples were taken from every neighborhood and varied in size and pipe material. The age of the water pipes ranged from 18 years old to 147 years old and included cast iron, ductile iron and a mix of cement lined and unlined. The pipe and soil samples, which were also taken from the locations, were analyzed. The analysis consisted of physical observations and measurements, microscopic examination, mechanical properties test, and chemical composition analysis. The soil sample obtained at each location was also analyzed to determine its corrosiveness. The results of the tests performed were matched with locations on Commission maps, and corrosion rates were correlated with fill areas, electrified rail locations and groundwater levels.

The second phase was to create a sustainable distribution system by developing a risk-based measure for selecting pipe to be included in the annual CIP budget. This phase employed sophisticated models that levered all the data collected in phase

one, data the Commission collects in its GIS, Citiworks, and hydraulic model to determine the appropriate level of pipe rehabilitation and replacement needed to achieve the Commission’s goals. The pipe selected is based on a risk-based assessment. The framework is derived from asset management principles, which consider the highest risk of pipe to be the probability of a failure, and what the consequences of an event occurring could be (hospital flooding or critical customers without water).

This system is used in the selection of pipes for replacement under the Capital Improvement Program. Pipes with the highest ranking are considered first. Pipes are also selected within proximity to other selected pipe to create geographic based contracts. All street excavations are coordinated with City and State Paving Programs.

The study recommended replacing eleven miles of pipe per year through the year 2030. This ranking system was updated in 2016 resulting in a recommendation to replace and rehabilitate eight miles of pipe per year.

In addition to the samples taken during the three-year study, the Commission obtains eight pipe samples every year. Once the results of the analysis are received the information is uploaded into the Commission’s database to continue selecting the most vulnerable pipe.

Using the latest technology solutions, we are identifying new areas where BWSC can make sustainable improvement to the quality of our environment and services.

With aggressive leak detection and repair combined with progressive metering programs, the Commission continues to reduce its unbilled water by approximately 85% from 70 mgd in Fiscal Year 1977 to 9.81 mgd in Fiscal year 2024. Unbilled water is the difference between water purchased from the MWRA and water sold to customers. Of the 9.81 mgd of unbilled water in Fiscal Year 2024, approximately 4.31 mgd was identified as water for unbilled public purposes such as firefighting and street cleaning. Thus, unaccounted-for-water was approximately 5.50 mgd, or about 8.9% of the 61.57 mgd which the Commission purchased from the MWRA. The Commission continues to provide a leakage survey of the entire system each year.

Water distribution system improvements made since 1978 include the replacement of 474.44 miles of older water mains.

Over the three years of the CIP, the Commission is projected to expend \$117.5 million on improvements to the Water Distribution System. Most of these expenditures will occur in the replacement of water mains.

The projects scheduled for initiation in 2026 will result in the replacement of 9.4 miles of water mains.

Table 3 presents a summary of the 2026-2028 capital expenditures for the Water Distribution System.

Table 3 - Water Distribution System Expenditures by Program Category

Program	2026	2027	2028	2026-2028
Water Replacement	\$38,770,628	\$31,627,397	\$26,964,557	\$97,362,582
Water Special	\$6,638,564	\$6,774,584	\$6,694,133	\$20,107,281
Total	\$45,409,192	\$38,401,981	\$33,658,690	\$117,469,863

SEWER SYSTEM

The CIP for the Sewer System includes a total of \$117.5 million for various types of system improvements. These include in-kind replacement and rehabilitation of sewer pipes, installation or replacement of sewers and storm drains that increase the overall capacity of the system, separation of combined sewers, identification and reduction of infiltration and inflow and compliance with permit requirements in the areas of combined sewer overflows and stormwater discharges.

Major sewer system improvements have resulted in increased system capacity and the virtual elimination of dry weather overflows from combined sewers into Boston Harbor and the Neponset, Charles and Mystic Rivers. These improvements have also increased water quality and improved accessibility to all waterways.

Projects associated with the Plan in the Sewer System CIP include the rehabilitation or replacement of approximately 15.5 miles of newly identified deteriorated or collapsed sanitary sewers and storm drains and the television inspection of approximately 85 miles of sewer and drain pipe within the next year. Also included are drainage improvements and the replacement of faulty tide-gates and the installation of new tide-gates.

The CIP continues funding for the separation of combined sewers and for the reduction of infiltration and inflow into the sanitary system. Infiltration and inflow (I/I) are extraneous quantities of water, which enters the sanitary sewers and reduces the capacity of the system to transport sanitary sewage. Reduction of I/I also decreases the quantity of water transported to the Massachusetts Water Resource Authority (“MWRA”) wastewater treatment facilities, thereby reducing overall transportation costs, treatment costs and BWSC’s sewer assessments.

Combined flows that exceed the capacity of the interceptors during storm events discharged into the Boston Harbor and the Charles River. In the past several years, the Commission has undertaken a number of studies of its combined sewer system and has developed flows to significantly reduce CSO. The issue of infiltration and inflow (“I/I”) into the sanitary system in separated areas of the system is also being addressed. Surveys have been performed to identify I/I sources, stormwater into the sanitary sewers.

Table 4 presents a summary of the 2026-2028 capital expenditures for the Sewer System.

Table 4 - Sewer System Expenditures by Program Category

Program	2026	2027	2028	2026-2028
Sewer R & R	\$44,461,152	\$47,673,213	\$36,216,130	\$128,350,495
Sewer Special	\$4,101,766	\$2,548,586	\$7,847,388	\$14,987,975
Total	\$48,562,918	\$50,221,800	\$44,063,518	\$143,338,470

CONSENT DECREE

On August 23, 2012, the Commission entered in a Consent Decree with the Environmental Protection Agency and Conservation Law Foundation. Under the terms of the Consent Decree the Commission implemented a Capacity, Maintenance, Operations and Management (“CMOM”) self-assessment study in 2012 that analyzed all aspects of the Commission’s sanitary sewer and storm drainage facility operations and maintenance. The Commission finalized a CMOM Corrective Action Plan in July 2013 and developed a CMOM Program Document in May 2014. The CMOM Program synchronizes infrastructure maintenance and operations goals with long-term CIP planning to achieve (“CWA”) compliance with the Commission’s NPDES permit and ultimately improve water quality.

As part of the CMOM Corrective Action Plan filed with the EPA, the Commission increased its inspection and assessment of its sewer and drainage systems. The program represents progressive increases in the quantity of pipes cleaned and televised with an end goal of completing approximately 10% of the system annually.

The Commission has embraced the Consent Decree requirements from senior management through all divisions and departments. The Commission views the requirements as an opportunity to enhance its current practices and procedures in operating and maintaining the sewer system. Staffing leadership changes have been implemented; for example, a CMOM superintendent and an SSO manager were hired in 2013 to ensure compliance with the requirements enforced by the Consent Decree.

The Consent Decree offers an unprecedented opportunity for the Commission to increase its role as an environmental steward for Boston’s waterways. The Commission is committed to meeting and surpassing the benchmarks outlined in the Consent Decree. To fulfill this commitment, the Commission has begun implementing both short-term and long-term measures that are designed to improve water quality, increase public awareness, and protect the environment.

The City of Boston, the Commission and its ratepayers have helped clean up Boston Harbor and Boston’s waterways to a level where they are accessible for the public use 90.2% of the time. South Boston’s beaches are recognized as the cleanest urban beaches in the U.S. and the Charles River has been recognized by the EPA and internationally as one of the cleanest urban rivers in America. The Commission’s illicit discharge detection protocol and sampling program have been cited as an example and standard by EPA. These achievements are a direct result of the Commission’s investment in improved sewer and stormwater infrastructure, implementation of best management practices and working with other stakeholders in the City of Boston. The Commission will continue a tenable, sustainable path to improve water quality and maintain outstanding access to the City’s waterways.

PROJECTS ASSOCIATED WITH THE CONSENT DECREE & WATER QUALITY IMPROVEMENTS

There are several projects that the Commission is performing and planning to undertake to fulfill and exceed recommendations of the Environmental Protection Agency and Conservation Law Foundation (“EPA” and “CLF”) under the Consent Decree. The following projects will support the Commission’s goal of compliance with the Consent Decree and improved water quality discharges and the environment:

Consent Decree:

Sewer R & R

- Cleaning and Inspections of Sewers and Storm Drains (CMOM-Capacity Management Operations)

Sewer Special

- Citywide Illegal Connection Investigation
- Customization of SCREAM & CMOM

Storm Water

- Design of Stormwater Detention Facilities
- Fort Point Channel and Mystic/Chelsea Combined Sewer Overflow Control Projects
- Construction of Stormwater Detention Facilities
- CCTV of Sewers and Storm Drains (Contamination Investigation) IDDE
- Constructed Wetland in Stormwater Tributary Area
- Green Infrastructure
- Sampling of Stormwater Treatment Vault on Talbot Avenue
- Willow Pond Road Stormwater Treatment Vault

NOTE: Full description and forecasted budgets of individual projects are available in the Sewer R & R, Sewer Special & Stormwater sections.

WASTEWATER AND STORM DRAINAGE FACILITIES PLAN

The Commission completed its Wastewater and Storm Drainage System Facilities Plan in 2015. A major objective of the plan was to develop facility plans for the operation of the Commission's sewer and storm drains that are aligned with the Commission's primary service goals and supported by effective operations, maintenance, and engineering practices. This plan has reviewed all aspects of the Commission Sewer System, including the Commission's design standards, assets, mapping, maintenance and operational practices and future impacts of climate change on the Commission's facilities.

Critical elements of this Plan include:

- ✓ **Assessment of the Commission's Service Goals** and other factors affecting long-term planning including changing regulatory requirements, climate change and financial conditions.
- ✓ **Systematic use of Risk-based tools** to govern prioritization of investments in condition assessments, repairs and replacements
- ✓ **Integration of Business Processes** needed to sustain effective Capacity, Management, Operation and Maintenance (CMOM) Programs for sanitary sewer collections systems and engineering programs
- ✓ **Training and Education** to embrace the use of new tools and business processes and to sustain knowledge of the system and its operations

In addition to establishing a sustainable framework for planning and management, the plan includes a broad spectrum of data collection, engineering evaluation and tool development activities.

SUPPORT PROJECT EXPENDITURES

The capital projects included in the Support category contribute to the overall efficient operation of the Commission and improve the Commission’s ability to manage/administer projects and collect revenues. The allocated budget for Support projects in the 2026-2028 CIP total \$59.0 million.

The allocated budget in this section of the CIP includes expenditures for Advanced Meter Infrastructure, Information Technology, and various Administrative Equipment.

Table 5 presents a summary of the 2026-2028 capital expenditures for the Support projects.

Table 5 - Support Expenditures by Project Category

Program	2026	2027	2028	2026-2028
Metering	\$2,200,000	\$2,700,000	\$2,700,000	\$7,600,000
IT	\$4,000,000	\$3,850,000	\$3,900,000	\$11,750,000
Admin Equip	\$22,214,015	\$8,901,101	\$8,525,287	\$39,640,403
Total	\$28,414,015	\$15,451,101	\$15,125,287	\$58,990,403

STORMWATER PROJECT EXPENDITURES

The primary purpose of the Stormwater Program is to encourage participation in the Boston Harbor pollution abatement projects and implement green infrastructure to improve the water quality of discharges to the local receiving waters. The goal is also to study existing conditions and make recommendations for placement of best new management practices designed to promote improved water quality, ensure compliance with state and federal regulations, minimize flooding, and manage stormwater throughout the City of Boston. The allocated budget for Stormwater projects in the 2026-2028 CIP total \$69.8 million.

Table 6 presents a summary of the 2026-2028 capital expenditures for the Stormwater projects.

Table 6 - Stormwater Expenditures by Project Category

Program	2026	2027	2028	2026-2028
Stormwater	\$16,789,464	\$22,506,684	\$30,532,690	\$69,828,839
Total	\$16,789,464	\$22,506,684	\$30,532,690	\$69,828,839

MASSACHUSETTS WATER RESOURCES AUTHORITY (MWRA)



The Commission obtains its water supply and wastewater treatment services from MWRA. MWRA provides water services to 54 cities, towns and special purpose entities (“Local Bodies”) including the Commission and wastewater treatment to nearly half of the State’s population in 43 cities, towns and special purpose entities located throughout central and eastern Massachusetts.

MWRA Background

In December 1984, MWRA was created by Chapter 372 of the Acts of 1984 (“the Act”). In accordance with the provisions of the Act effective July 1, 1985 the ownership, possession and control of all property comprising the Metropolitan District Commission (“MDC”) water and sewer systems was transferred to MWRA. The Act authorizes MWRA to repair, replace, rehabilitate, modernize and extend the water delivery system and the sewage collection, disposal and treatment systems on a self-sustaining basis. The Act also allows for the issuance of bonds and notes to finance any of its corporate activities.

On January 31, 1985, a suit commonly referred to as the Boston Harbor case, was brought against the MDC, the Commonwealth, MWRA (as successor to the MDC) and the Commission alleging water pollution of an alleged illegal discharges into Boston Harbor in violation of the Clean Water Act. As the successor to the MDC, MWRA assumed responsibility for taking the Court-ordered actions to achieve and maintain compliance with the CWA. Such large-scale projects are financed through the issuance of revenue bonds, proceeds of federal and state grants and operating revenues.

MWRA Rates and Charges

Under the Act, MWRA was empowered to establish charges for its services and commodities. One of the basic goals achieved by the MWRA Act was the substitution of assessments, or user fees, to the member communities for the prior tax-based system of charges.

The Commission is the largest single customer for MWRA. For MWRA fiscal year 2026, the Commission will be assessed 34.9% of the water system charges and 27.4% of the sewer system charges. On a combined basis, the Commission will pay 30.1% of the total MWRA assessments.

Assessments for water services are calculated by MWRA based on the metered water use in the calendar year immediately preceding the MWRA fiscal year. The Commission’s water charges for the MWRA fiscal year 2026 total \$112.8 million based on the Commission’s calendar year 2025 metered water use.

As of fiscal year, 1995, sewer assessments were calculated by a formula using, among other things, population and population equivalents. In accordance with legislation enacted in 1993, the MWRA developed a new sewer rate methodology for calculating assessments beginning in fiscal year 1996. The new methodology allocates operating and maintenance costs based on total metered annual flow and total annual average strength, septage contributions and high strength flow loads. Septage contributions are allocated based on volume, total suspended solids (“TSS”) and biochemical oxygen demand (“BOD”) loadings. High-strength flow loads are generated by those permitted entities whose flows exceed 25,000 gallons per day and whose TSS and/or BOD concentrations exceed 400 milligrams per liter.

Capital or debt service costs are allocated as follows: two-eighths based on maximum month metered flow and total annual average strength, septage and high strength flow loads; three-eighths based upon contributing (sewer) population; and three-eighths based population. Metered wastewater flow from the immediately preceding calendar year is used in calculating assessments. The Commission’s sewer assessment for the MWRA fiscal year 2026 based on calendar year 2024 data, totals \$132.1 million. Total assessments for water and sewer charges for MWRA fiscal year 2026 are \$264.9 million.

As the largest of MWRA’s customers, BWSC represents 34.8% of the current demand on the MWRA water supply. BWSC’s water comes from the Quabbin Reservoir and the Wachusett Reservoir, located about 65 miles and 35 miles west of Boston. The two reservoirs combined supplied an average of 188.4 mgd (millions of gallon per day) to consumers in 2024. The safe yield of the reservoir system is 300 mgd.

Water distributed to the Boston metropolitan area is conveyed from the reservoirs through the Cosgrove or Wachusett Aqueducts and treated at the MWRA’s John J. Carroll Water Treatment Plant at Walnut Hill in Marlborough. Treatment includes ozone disinfection, pH adjustment with sodium bicarbonate and the addition of chloramines and fluoride. Water leaves the plant through the MetroWest Water Supply Tunnel and is stored in covered storage tanks, such as Norumbega Reservoir and the Loring Road Tanks, where it is held for delivery to BWSC’s service networks. MWRA mains distribute water to the BWSC system at 29 metered delivery points.

Today, Boston is one of 54 customers that purchases water wholesale from MWRA. BWSC’s water distribution system currently provides service to approximately 90,000 active accounts throughout the City. Boston’s resident population of nearly 675,000 almost doubles each day by commuting workers and students, shoppers, tourists, conventioners, hospital patients and visitors.

MWRA has completed construction of major transmission and treatment facilities to service the Greater Boston area including the Metro West Tunnel. These improvements will ensure that Boston receives a reliable source of clean water.

FUNDING SOURCES AND FINANCIAL IMPACT

Funding for the Commission’s CIP is provided through five sources: Commission general revenue bonds, rate revenues, state revolving funds and two grant/loan programs provided by MWRA.

The primary funding source for the three-year capital program is the sale of Commission general revenue bonds. Over the three-year plan, general revenue bonds will comprise \$135.3 million of the total funding requirement. In 2026, bonds will make up approximately \$52.8 million of the funding required for that year.

As in past CIP’s, the 2026-2028 program funds renewal and replacement (“R&R”) work from current rate revenues. Renewal and replacement projects include water main relining, water main replacement (only replacement with the same size pipe), sewer pipe rehabilitation, and storm drain improvement. The 2026-2028 CIP outlines R&R expenditures of \$147.2 million of total expenditures over the three years of the program. In 2026, approximately \$48.3 million will be expended out of current rate revenues for CIP projects.

Each year the Commission participates in the MWRA’s I/I program for Infiltration/Inflow and Separation projects. Since 1993, the Commission has received \$33.2 million in MWRA funding for various Infiltration/Inflow and Separation projects of which \$16.1 million is currently outstanding. The Commission plans to continue to take advantage of MWRA funding over the 2026-2028 period.

Table 7 lists projects funded by MWRA’s I/I program for Infiltration/Inflow and Separation

Table 7 – Projects Funded by MWRA’s I/I Program of Infiltration/Inflow and Separation

Contract	Description
26-309-009, 27-309-009, 28-309-009,	26-309-010, 27-309-010, 28-309-010 CCTV of Sewers and Storm Drains/CMOM - Future Contracts
25-309-011	Inspection and Elimination of Inflow and Infiltration in the Groundwater Conservation Overlay District (GCOD)
25-309-010	Sewer and Stormwater Condition Monitoring Citywide
25-309-009	Sewer and Stormwater Condition Monitoring Citywide
24-309-006	Charlestown Sewer Separation
24-308-014	Sewage Works Improvements in Mattapan
23-309-001	Sewage Works Improvements
23-206-005	West Roxbury and Hyde Park SSES
23-206-001	Charlestown SSES
22-309-003	Upper Roxbury R&R
22-309-002	Replacement of Sewer and Drains Citywide, R&R
22-309-001	Replacement of Water Pipe and Sewers and Rehabilitation of Sewers in Roslindale and West Roxbury
20-308-002	South End Water Improvements Phase III
	CCTV Inspections for Tidal Infiltration

The MWRA Board of Directors, by their vote on March 16, 2016, authorized the enhancement of the Local Water System Assistance Program to provide up to \$100 million in 10-year zero-interest loans to communities under the MWRA Lead Service Line Replacement Loan Program. The program will also be referenced as the "Lead Loan Program" or "LLP" for short. This interest-free loan program is designed to assist member water communities to rehabilitate or replace water service lines so that all lead pipe is fully removed. The program will help upgrade local water systems to reduce the potential for elevated lead levels at customer taps and maintain high water quality conditions throughout the system. As of December 31, 2025, the Commission has received \$3.5 million in LLP funding of which there currently is an outstanding balance of \$2.2 million.

The MWRA provides support for water systems improvement projects through its Local Water System Assistance Program (LWSAP). The program offers interest-free loans payable over a ten-year period and is designed to improve water quality in local distribution systems. The MWRA has also established the Local Water System Assistance Program ("LWSAP") to assist its Local Bodies in the performance of water systems improvement projects. The program offers interest-free loans payable over a ten year period and is designed to improve water quality in local distribution systems. The amount allocated for BWSC in Phase 3 of the program is \$52.8 or approximately \$5.3 million per year. The loans will be repaid to the MWRA over a 10-year period. Loans are approved for distribution from fiscal year 2011 through fiscal year 2030. The Commission has applied for loan funding for certain water main replacement projects through the remainder of this program. MWRA's Board of Directors recently approved Phase 4 of the Local Water System Assistance Program (LWSAP) to provide an additional \$300 million in interest-free loans to member water communities for local water system improvement projects. New Phase 4 Loan funds are approved for distribution beginning in FY25 through FY34. For Boston, a total of \$16,926,136 is currently available for LWSAP loan distribution (Program Phases 3 and 4), with a new annual allocation of \$4,963,900 for Phase 4. All project costs incurred on or after January 1, 2010 have been considered for eligibility in application \$17.2 million will be funded using the LWSAP Program. As of December 31, 2024, the Commission has received \$80.0 million in LWSAP funding of which there currently is an outstanding balance of \$36.8 million.

It is anticipated that in the 2026-2028 Capital Improvement Program \$3.4 million will be funded using the LWSAP Program.

Table 8 lists water projects funded by the MWRA with LWSAP & MWLLP

Table 8 – Projects Funded by the MWRA with LWSAP & MWLLP

Contract	Description
19-308-004	Replacement and Rehabilitation of Water, Sewer, and Drain Pipes in Back Bay, Beacon Hill, and City Proper
19-308-001	Water, Sewer, & Drainage Works Improvements

The EPA and Commonwealth provide support for funding and financing through the State Revolving Fund (SRF). The SRF offers affordable loan options to cities and towns to improve water supply infrastructure and drinking water safety; and to help them to comply with federal and state water quality requirements that deal with wastewater treatment plants and collection systems, while addressing issues such as watershed management priorities, stormwater management, and green infrastructure. Additionally, the SRF supplies financial assistance to address communities with septic system problems. These federal-state programs offer below-market rate loans and other authorized assistance with extended loan terms typically over twenty to thirty years.

It is anticipated that in the 2026-2028 Capital Improvement Program \$70.5 million will be funded using the SRF Program.

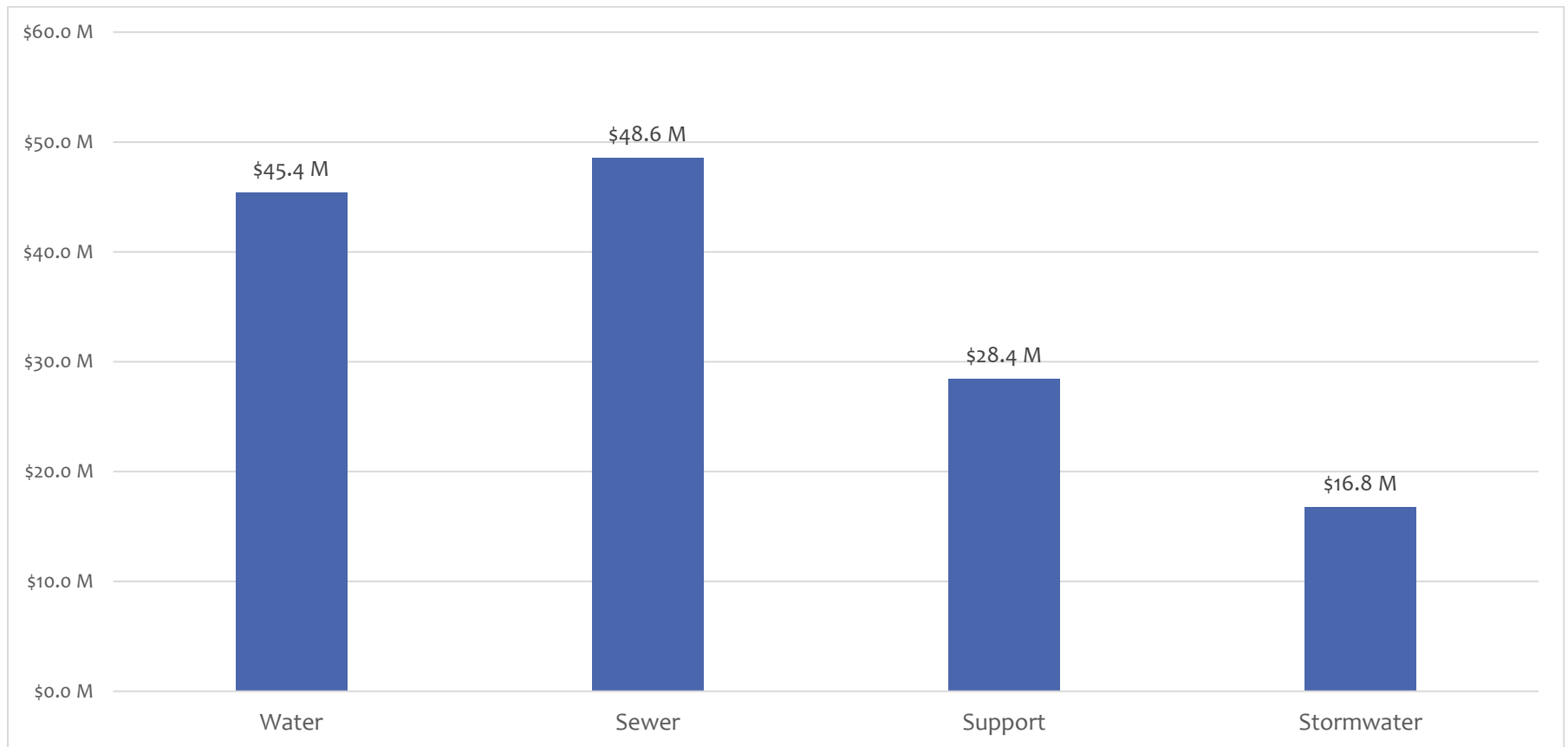
Table 11 on page 18 represents the cash flow expenditures by category and funding source for the Commission's 2026-2028 CIP.

Table 9

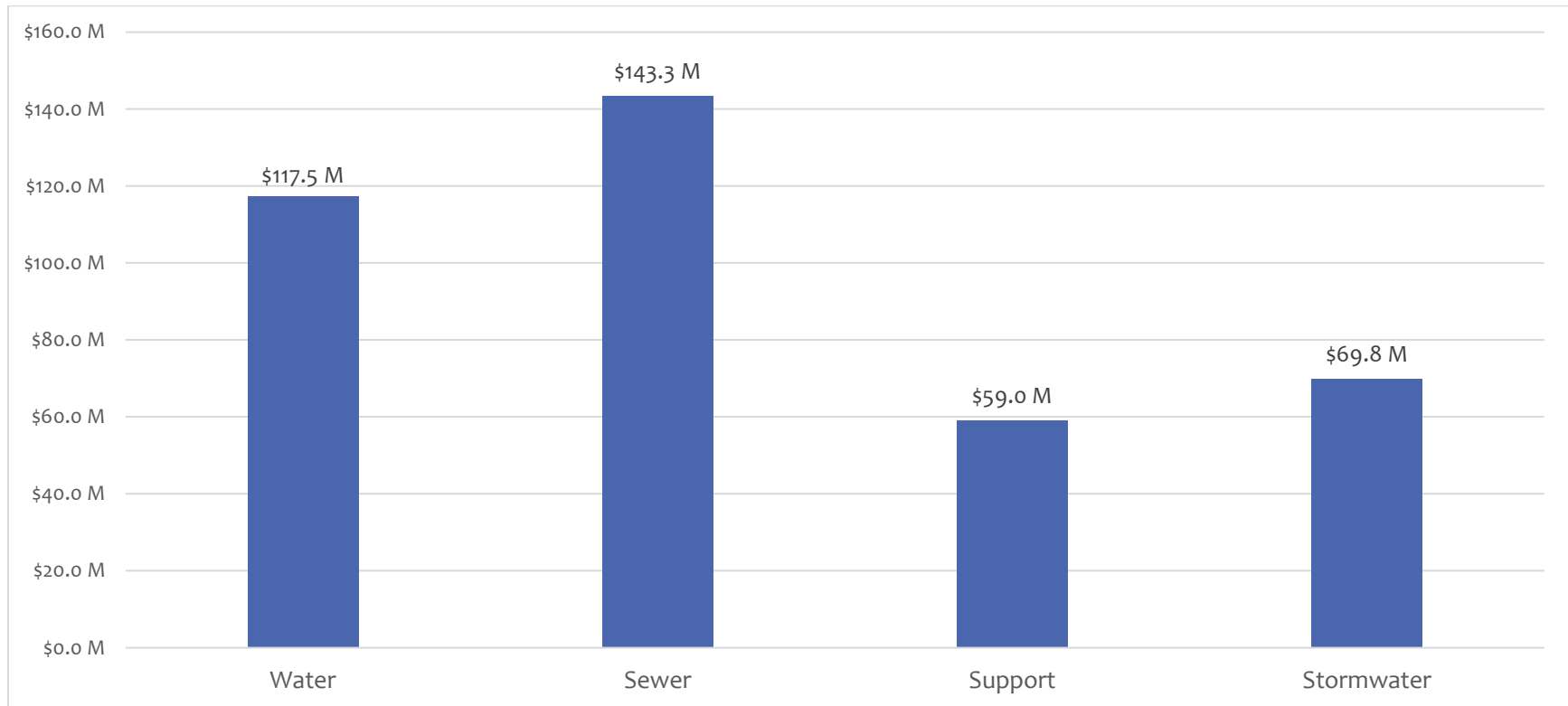
**Capital Improvement Program
2026 - 2028
Totals by Category and Funding Source**

	2026	2027	2028	Total 2026 - 2028
Water Total	\$45,409,192	\$38,401,981	\$33,658,690	\$117,469,863
BWSC Bonds	15,145,835	17,523,803	12,896,689	45,566,328
LWSAP	3,365,822			3,365,822
RATE Revenue	22,163,986	17,853,780	17,363,730	57,381,497
SRF	4,733,548	3,024,397	3,398,270	11,156,215
Sewer Total	\$48,562,918	\$50,221,800	\$44,063,518	\$143,338,470
BWSC Bonds	16,994,854	16,044,767	6,340,805	39,380,426
MWRA II	12,524,141	8,662,085	2,077,000	23,263,226
Rate Revenue	12,658,462	20,168,280	21,343,037	54,660,014
SRF	6,385,461	5,346,669	14,302,675	26,034,805
Support Total	\$28,414,015	\$15,451,101	\$15,125,287	\$58,990,403
BWSC Bonds	19,267,500	12,321,250	10,910,000	42,498,750
Rate Revenue	9,146,515	3,129,851	4,215,287	16,491,653
Stormwater Total	\$16,789,464	\$22,506,684	\$30,532,690	\$69,828,839
BWSC Bonds	1,358,170	3,284,134	3,190,152	7,832,457
MWRA II	3,623,945	4,537,893	1,824,360	9,986,198
Rate Revenue	4,351,034	7,324,657	7,002,178	18,677,869
SRF	7,456,314	7,360,000	18,516,000	33,332,314
Total	\$139,175,589	\$126,581,566	\$123,380,185	\$389,627,575
BWSC Bonds	52,766,359	49,173,955	33,337,647	135,277,960
MWRA II	16,148,087	\$13,199,978	3,901,360	33,249,424
Rate Revenue	48,319,997	48,476,568	49,924,233	147,211,033
SRF	18,575,323	15,731,066	36,216,946	70,523,334
LWSAP	3,365,822	0	0	3,365,822
Total	\$139,175,589	\$126,581,566	\$123,380,185	\$389,627,575

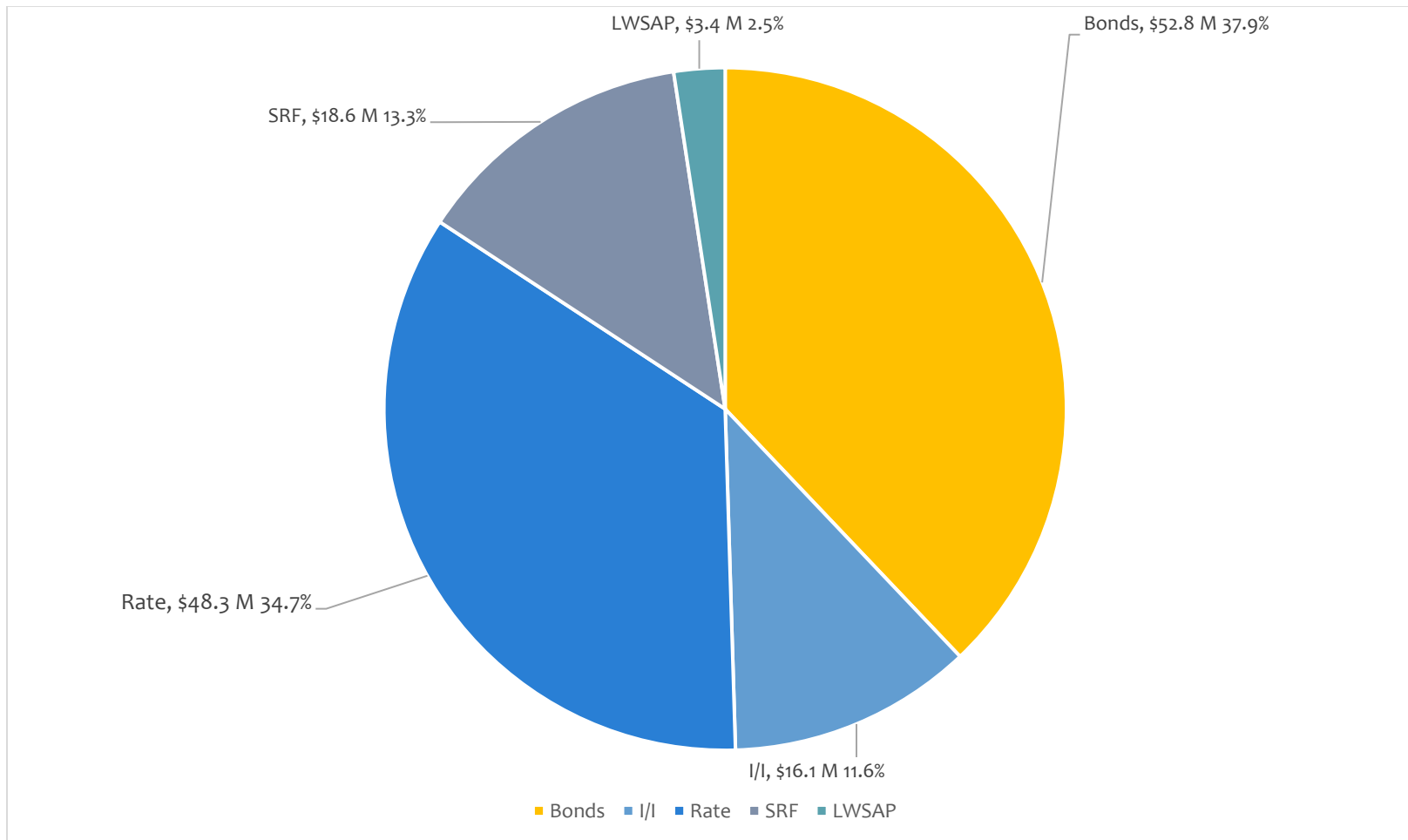
Graph 1 - 2026 CIP Total Expenditures by Category \$139.2 Million



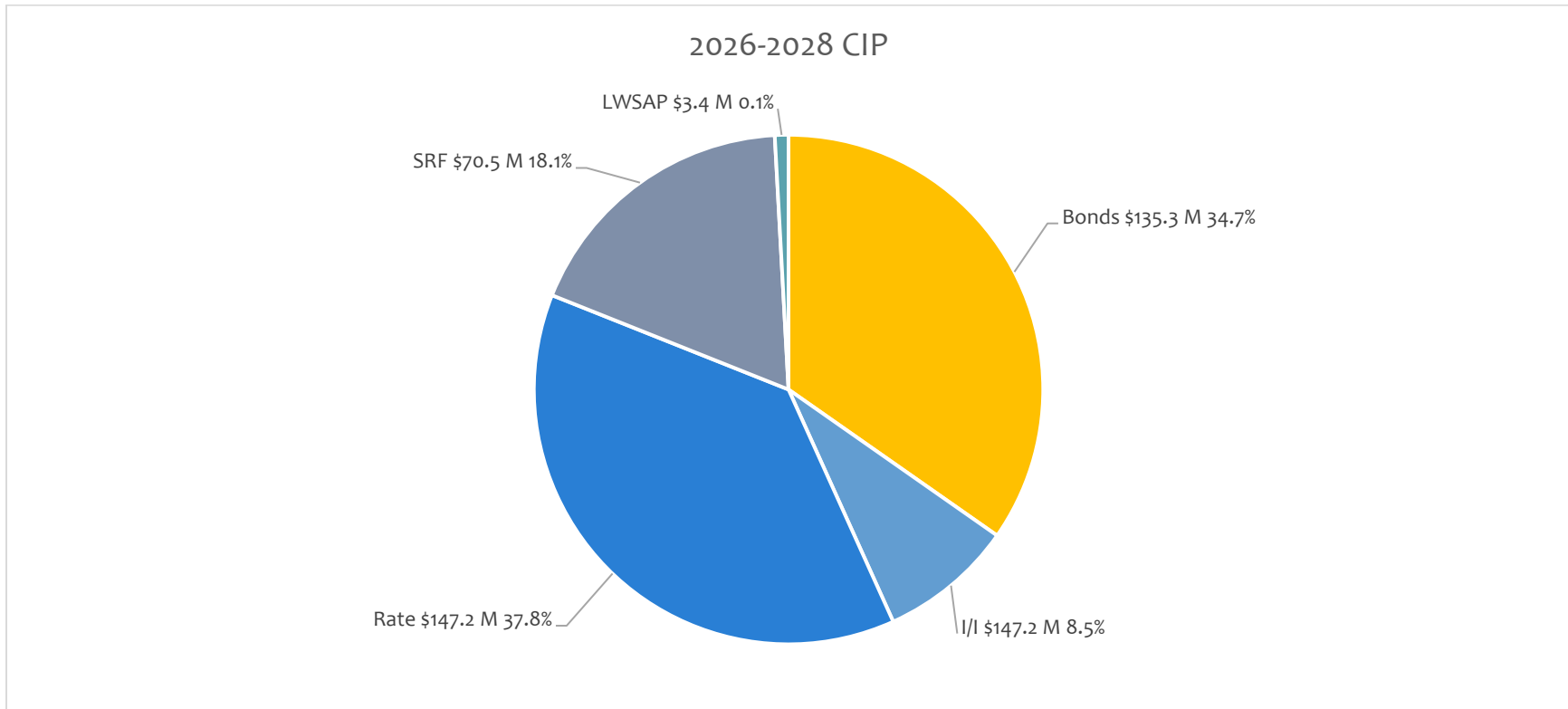
Graph 2 – 2026-2028 CIP Total Expenditures by Category \$389.6 Million



Graph 3 – 2026 CIP Total Expenditures by Funding \$139.2 Million



Graph 4 – 2026 - 2028 Total Expenditures by Funding Source \$389.6 Million



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WATER DISTRIBUTION SYSTEM

The system serves approximately 90,000 accounts through five major service networks: Southern Low Service, which serves City Proper, South Boston and parts of Roxbury; Northern Low Service, which serves Allston/Brighton, Charlestown and East Boston; Southern High Service, which serves City Proper, Allston/Brighton, Dorchester, Hyde Park, Roslindale and parts of Jamaica Plain, Roxbury and West Roxbury; and Southern Extra-High Service, which serves portions of Jamaica Plain, West Roxbury and Hyde Park. In addition, a relatively small area in the Orient Heights section of East Boston is served by a single connection to the MWRA Northern High Service System.

Approximately 90% of the water consumed in the city is delivered through the Southern Low Service and Southern High Service, with most of the remainder delivered through the Northern Low Service. These service networks are supplied with potable water purchased from MWRA at 30 metered delivery points. This water is drawn from the Quabbin and Wachusett Reservoirs located in western and central Massachusetts. Supply is conveyed via aqueducts from these reservoirs to the Loring Road Tanks and Norumbega Reservoirs, where it is held for delivery to the Commission's service networks.

The Commission's current water distribution system consists of the following:

APPURTENANCES		WATER MAIN CITY WIDE		PRESSURE ZONE	
Hydrants	12,855	Total Linear Feet	533,427	High Pressure Fire System	15 Miles
		Total Linear Miles	1,009	Northern High	4 Miles
Gate Valves	17,894	Water Pumping Stations	1	Northern Low	90 Miles
				Southern Extra High	80 Miles
				Southern High	560 Miles
				Southern Low	260 Miles

OBJECTIVES

Primary Objectives of the 2026-2028 Water Distribution System Capital Improvement Plan are:

- To ensure a continued adequate supply of high quality, potable water at adequate pressure for consumption by Commission's customers and for fire protection
- To reduce the amount of non-revenue producing water and to reduce the long-term maintenance costs of the system
- To improve the operability of valves and appurtenances to advance the efficient operation of the water system
- To reduce public inconvenience by coordinating the scheduling of system improvements with related projects of other public agencies

To ensure the above stated objectives are attained, the Commission has implemented projects of the rehabilitation and replacement of water mains, the replacement of valves and hydrants, and the installation or replacement of water mains associated with bridge reconstruction projects.



19-308-004 Water Main Replacement in Beacon Hill

2026-2028 WATER PROJECTS

Water Pipe Replacement Projects

- The Commission uses Statistical Analysis, Age, Criticality, and Condition with Capital Improvements Including those of Other Agencies

Water Special

- System Planning as well as Other Studies and Professional Services with the Rehabilitation and Operation of the Water System

The Commission's improvements to the Water Distribution System since 1978 include the replacing or relining of approximately 474.44 miles of water mains, resulting in lower maintenance costs and improved water service. As a result of the Commission's renewal and replacement, leak detection and metering programs, annual unbilled water, which is the difference between water purchased from the Massachusetts Water Resources Authority (the "MWRA") and water sold to customers, has been reduced from 70 mgd in Fiscal Year 1977 to 9.81 mgd in Fiscal in 2024, an 86% reduction. Over the last ten years, the Commission has completed a total of \$311.2 million in water distribution system improvements.

2026-2028 WATER DISTRIBUTION SYSTEM CAPITAL PROGRAM

The Commission's 2026-2028 CIP for the Water Distribution System continues the investments necessary to maintain and improve the water distribution infrastructure. Projects are planned in the following areas: the rehabilitation or replacement of water mains, including the replacement of water pipes and the upgrade of valves and hydrants. Also included are water mains that are replaced as part of the Commission's sewer separation work. Together, these planned program activities will result in significant improvements to the water distribution system.

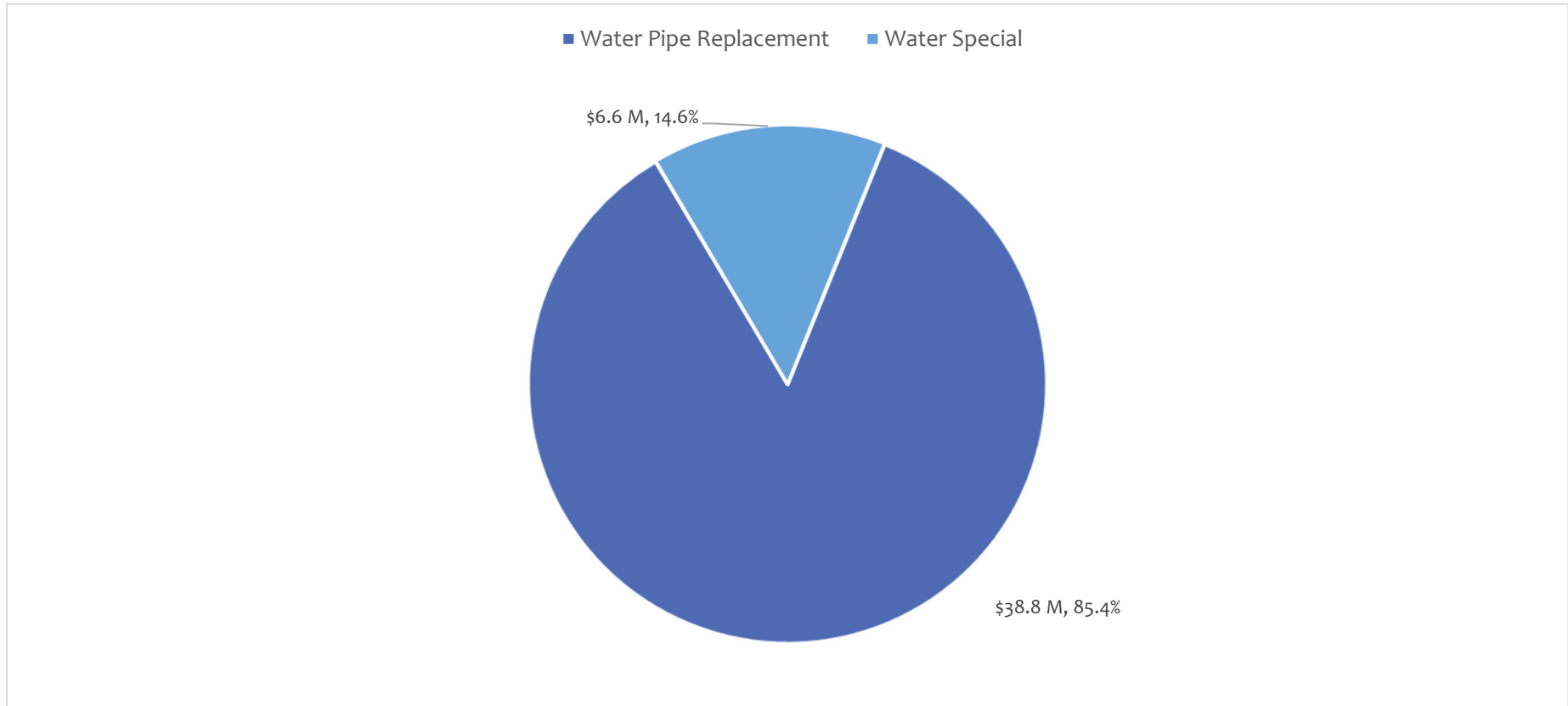
Table 10 and Graph 5 on the following pages present the 2026-2028 capital expenditures for the Water Distribution System. Graph 6 depicts the funding source application of the 2026-2028 capital expenditures. Graph 7 illustrates the spending by the program for 2026. Three-year expenditures are projected to be \$117.5 million, of which \$45.4 million is allocated in 2026. The three-year amounts are distributed in the Water Program as follows: Replacement \$97.4 million and Special \$20.1 million.

Table 10 - Water Distribution System by Category

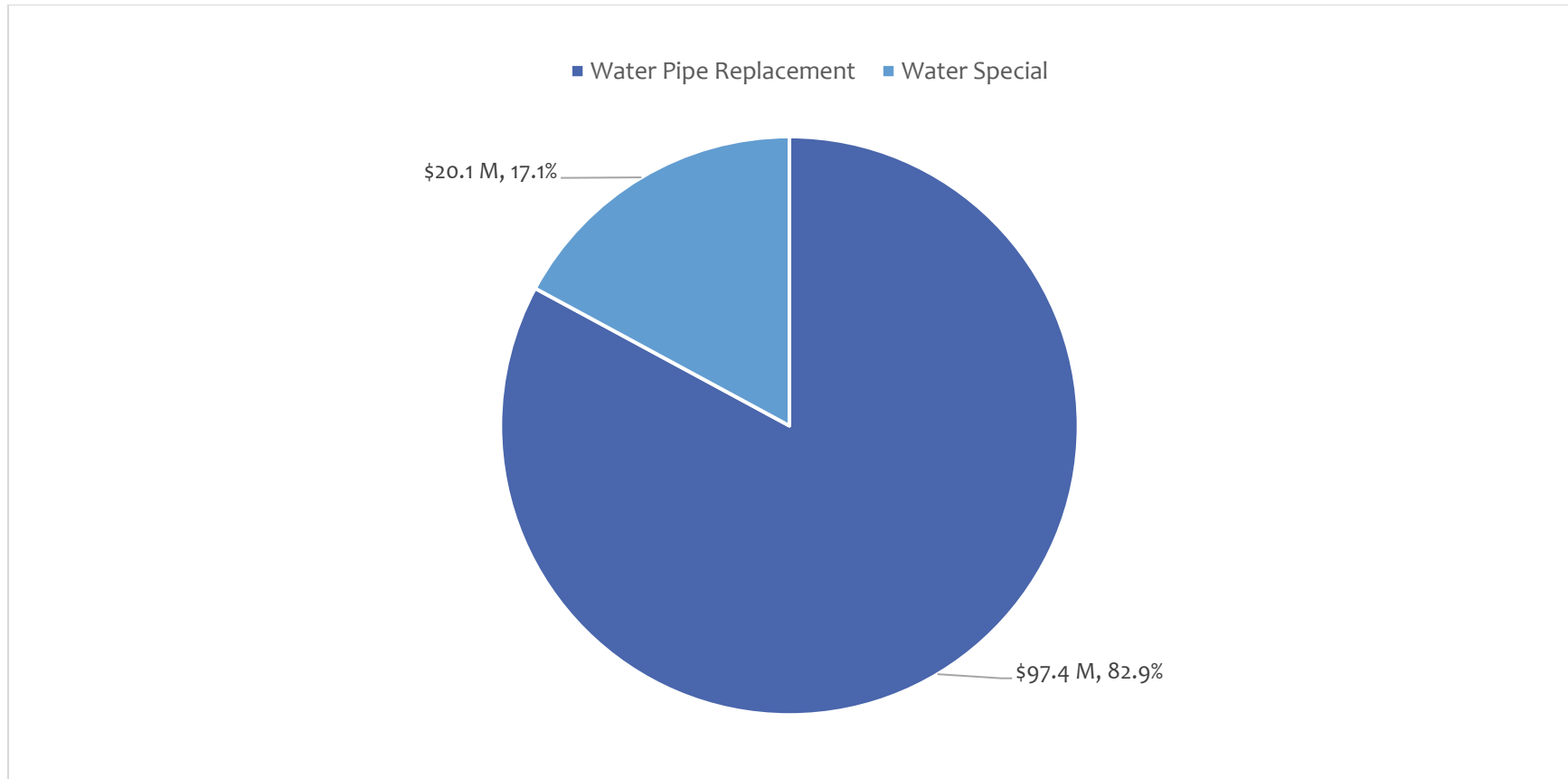
**Capital Improvement Program
2026 - 2028
Water Total**

	2026	2027	2028	Total 2026 - 2028
Water Replacement	\$38,770,628	\$31,627,397	\$26,964,557	\$97,362,582
BWSC Bonds	12,190,550	14,270,019	9,883,357	36,343,926
RATE Revenue	18,830,386	14,332,980	13,682,930	46,846,297
SRF	4,383,869	3,024,397	3,398,270	10,806,536
LWSAP	3,365,822			3,365,822
Water Special	\$6,638,564	\$6,774,584	\$6,694,133	\$20,107,281
BWSC Bonds	2,955,285	3,253,784	3,013,333	9,222,402
Rate Revenue	3,333,600	3,520,800	3,680,800	10,535,200
SRF	349,679			349,679
Total	\$45,409,192	\$38,401,981	\$33,658,690	\$117,469,863
BWSC Bonds	15,145,835	17,523,803	12,896,689	45,566,328
RATE Revenue	22,163,986	17,853,780	17,363,730	57,381,497
SRF	4,733,548	3,024,397	3,398,270	11,156,215
LWSAP	3,365,822			3,365,822
Total	\$45,409,192	\$38,401,981	\$33,658,690	\$117,469,863

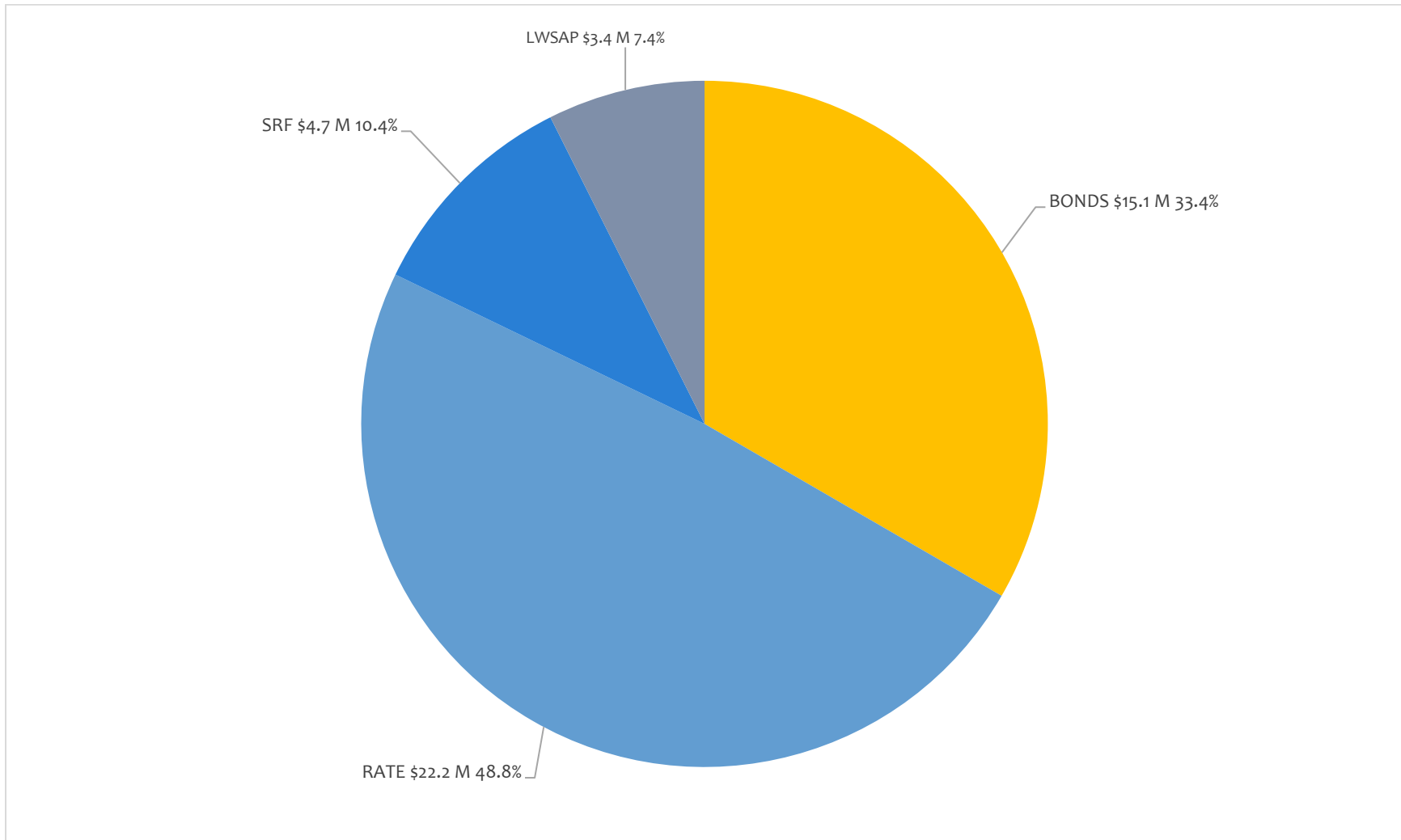
Graph 5 - 2026 Total Water Expenditures by Program \$45.4 million



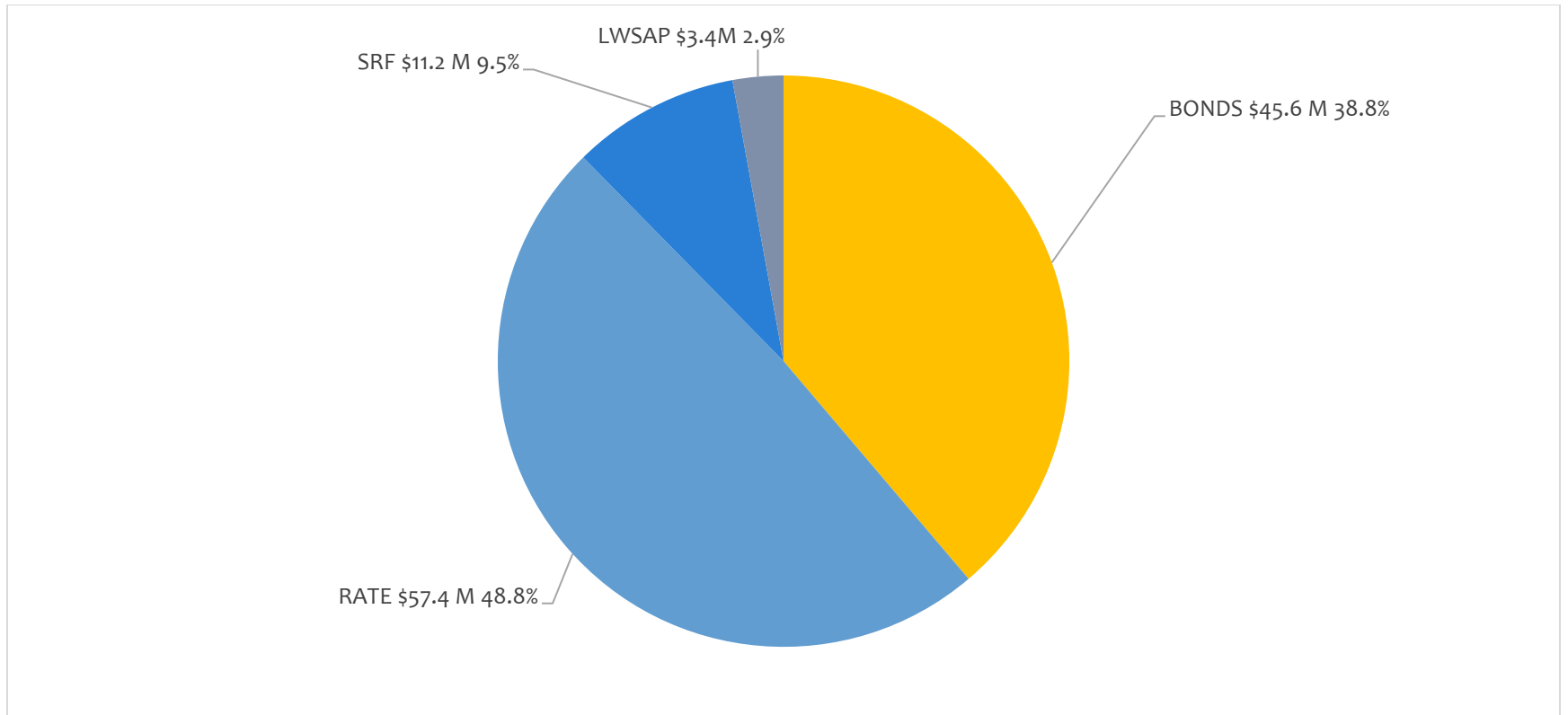
Graph 6 – 2026 - 2028 Total Water Expenditures by Program \$117.5 million



Graph 7 – 2026 Total Water Expenditures by Funding Source
\$45.4 Million



Graph 8 - 2026-2028 Total Water Expenditures by Funding Source \$117.5 million



WATER MAIN REPLACEMENT PROGRAM

DESCRIPTION AND JUSTIFICATION

Funding is provided in the 2026-2028 CIP for the continuation of the Commission's Water Main Replacement Program. The program consists of the replacement of cast-iron water mains and water mains that have reached the end of their useful life.

The primary purpose of the Water Main Replacement Program is to ensure the quality and quantity of water provided by the Commission to its customers. Over long periods of time, the internal and external surfaces of water mains are subject to corrosion and deterioration. Internal corrosion of water mains can affect water quality, particularly taste, odor and color as well as reduce the hydraulic capacity of the pipe. Internal and external corrosion can also reduce the structural integrity of pipe, causing potential leakage and main breaks.

The largest component of the Water Distribution System CIP is the program to replace water mains. The replacement program replaces aged, undersized or structurally deteriorated pipe. The program also includes rehabilitation of pipe by structural lining.

The 2026-2028 CIP for the Water Distribution System continues programs for the replacement of water mains, the replacement of hydrants as necessary on all replacement projects, the replacement of water mains on new or reconstructed bridges and various design services, permits and paving fees associated with the capital funded projects.

THE WATER MAIN REPLACEMENT PROGRAM ACCOMPLISHES THE FOLLOWING:

- Reduces the occurrence of main breaks, public inconvenience, loss of water and associated costs
- Decreases water leakage
- Increases the capacity of water mains, when replacing unlined mains
- Reduces discolored water conditions associated with water main tuberculation
- Reduces long-term maintenance costs
- Contributes to the control of biofilm in complying with the requirements of the Safe Drinking Water Act

WATER MAIN REPLACEMENT PROGRAM 2026 SUMMARY

The projects scheduled for initiation in 2026 will result in the replacement of approximately 9.4 miles of water mains.

Prior to construction, the Commission inspects sewer and drain pipes in streets where water pipes are scheduled to be replaced. All sewer and drain replacement and rehabilitation work is then performed along with the water pipe replacement. This coordination avoids disruption of the streets and saves project costs. Funding for the sewer and drain work is included in the sewer section of the CIP.

METHODOLOGY FOR SELECTING WATER MAINS FOR REHABILITATION

The Commission conducts an annual evaluation of its water distribution system to determine and prioritize water main replacement and rehabilitation needs. Based on this annual evaluation, staff prepares a priority list of pipes to be replaced.

Candidates are based on information and recommendations from the 2016 update of the pipe ranking system as well as water main breaks, customer complaints concerning water quality or pressure deficiency, BWSC maintenance records, pressure and fire-flow tests, machine learning artificial intelligence software and construction work planned by other agencies.

To the highest extent possible, the Commission coordinates the replacement and lining of water mains with roadway and highway construction, urban development, housing development and mass transit work planned by state or local government entities.

For example, if the City of Public Works Department (BWPD) is planning to resurface a roadway within the next few years, the Commission would make every effort to replace the older water main in that street before it is resurfaced.

The coordination of the Commission's capital programs with other scheduled infrastructure improvements minimizes temporary construction related impacts to Boston's residential neighborhoods and commercial centers.



21-309-012 Watermain 30" x 6" tee on D Street

WATER REPLACEMENT

The following pages contain brief summaries of each on-going and new water replacement projects included in the 2026-2028 CIP.

PROJECTS

CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 3 - 26-309-005: The total three-year budget is \$27,200.

CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 2 - 26-309-003: The total three-year budget is \$27,200.

East Boston Sewer Separation Phase IV - Contract 3 - 26-309-002: Construction Contract No. 3 is one of five (5) planned contracts to construct new storm drains to separate approximately 230 acres between all five (5) contracts in East Boston to further mitigate CSOs and improve water quality. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community. The total three-year budget is \$1,018,666.

CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 1 -26-309-001: The total three-year budget is \$27,200.

Sewer and Drain Replacement and Rehabilitation for North End - 25-309-003: The intent of this project will be to rehab and replace water/sewers/drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after CIP is developed. The total three-year budget is \$27,200.

Sewer and Drain Replacement and Rehabilitation in Allston/Brighton - 25-309-002: The intent of this project will be to rehab and replace water/sewers/drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after CIP is developed. The total three-year budget is \$152,000.

Water Main Replacement on Saint Botolph Street- 25-308-009: Water pipes need to be replaced due to number of recent breaks. The total three-year budget is \$4,000,000.

Water Relay Dorchester - 25-308-004: Replacement of Water Mains. The total three-year budget is \$400,000.

Water Relay Hyde Park - 25-308-003: Replacement of Water Mains. The total three-year budget is \$160,000.

Water Relay East Boston - 25-308-002: Replacement of Water Mains. The total three-year budget is \$200,000.

Water Relay Chinatown - 25-308-001: Replacement of Water Mains. The total three-year budget is \$3,600,000

South Boston Sewer Separation - Contract 5 - 24-309-012: Construction Contract No. 5 is one of five (5) planned contracts to construct new storm drains to separate approximately 400 acres in South Boston along the Dorchester Avenue Corridor. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community and to support the BPDA's initiative to foster future development along Dorchester Avenue. The total three-year budget is \$3,739,200.

Charlestown Sewer Separation - 24-309-006: Sewer Separation and water and sewer pipe replacement in Charlestown in the area known as Lost Village. Sewer separation to reduce CSO volumes. Replacement and rehabilitation of old or damaged water and sewer pipes. The total three-year budget is \$696,080.

Replacement and Rehabilitation of Water, Sewer and Drain Pipes in Roxbury and Jamaica Plain - 24-309-003: The replacement and rehabilitation of water, sewer and drain pipes in Roxbury and Jamaica Plain. This project involves the rehabilitation and replacement of sewers/drains where SSOs and other issues have occurred in order to mitigate future overflows. Additionally, water pipes will be replaced. The total three-year budget is \$1,642,513.

Water, Sewer and Drain Replacement and Rehabilitation Citywide on an as needed basis - 24-309-002: Water, Sewer and Drain Replacement and Rehabilitation Citywide on an as needed basis. The intent of this project will be to rehab and replace water/sewers/drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the the Chief Engineer and OPS during year after CIP is developed. The total three-year budget is \$80,000

Water Relay Back Bay/ East Boston - 24-308-003: Replacement of Water Mains. The total three-year budget is \$4,445,714.

Water Main Replacement Heath Street - 24-308-002: Water Main Replacement Heath Street - 24-308-002: Replacement of 12-inch and 36-inch water mains and replacement/rehabilitation of associated sewers and drains. Awaiting CCTV videos for approximately 3,085 ft of sewer and drain pipe, which may alter replacement v. lining footages. Water main repairs; sewer and drain work developed from CCTV inspection video review. Project schedule highly dependent on permitting and coordination with the MBTA for work near South Huntington Avenue. The total three-year budget is \$5,200,000

Water Relay Tremont Street - 24-308-001: Relay of old water mains and HPFS replacement. The total three-year budget is \$9,370,256.

South Boston Sewer Separation - Contract 4 - 23-309-012: Construction Contract No. 4 is one of five (5) planned contracts to construct new storm drains to separate approximately 400 acres in South Boston along the Dorchester Avenue Corridor. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community and to support the BPDA's initiative to foster future development along Dorchester Avenue. The total three-year budget is \$4,125,600

R & R of Sewer and Drain in Fenway - 23-309-011: Replacement and rehabilitation of sanitary sewer and drain pipes. The pipes in this contract have been inspected and reviewed and are found to be in poor condition. Associated water work. The total three-year budget is \$900,864

East Boston Sewer Separation Phase IV - Contract 2 -23-309-002: Construction Contract No. 2 is one of five (5) planned contracts to construct new storm drains to separate approximately 230 acres between all five (5) contracts in East Boston to further mitigate CSOs and improve water quality. The project also includes upgrades of the sanitary

sewer and water main systems to continue providing the highest level of service to the community. The total three-year budget is \$4,253,334

Water Relay South End Phase IV - 23-308-002: Replacement of Water Mains. The total three-year budget is \$2,880,000.

Water Relay Lower Roxbury - 23-308-001: Replacement of Water Mains. The total three-year budget is \$5,120,000.

South Boston Sewer Separation - Contract 3 - 22-309-012: Construction Contract No. 3 is one of five (5) planned contracts to construct new storm drains to separate approximately 400 acres in South Boston along the Dorchester Avenue Corridor. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community and to support the BPDA's initiative to foster future development along Dorchester Avenue. The total three-year budget is \$3,292,416.

Upper Roxbury R&R - 22-309-003: Replacement of Water Mains. The total three-year budget is \$1,324,138

Replacement of Sewer and Drains Citywide, R&R - 22-309-002: The intent of this project will be to rehab and replace sewers/drains where SSOs have occurred in order to mitigate future overflows. The total three-year budget is \$1,136,000.

Rehabilitation And Replacement of Water, Sewer, And Drain Pipes In West Roxbury And Roslindale - 22-308-003: The total three-year budget is \$165,627.

Replacement of Water Mains Citywide - 22-308-002: Replacement of water mains and associated sewers and drains Citywide. Replacement of CICAL or DI mains that have break history. The total three-year budget is \$3,390,321.

Engineering Design, 3-year Services - 22-206-009: Design Services to perform Preliminary and Final design for sewer separation, CSO reduction, SSO improvements and replacement of water mains. The total three-year budget is \$960,000.

Engineering Design, 3-year Services - 22-206-008: Design Services to perform Preliminary and Final design for sewer separation, CSO reduction, SSO improvements and replacement of water mains. The total three-year budget is \$600,000.

East Boston Sewer Separation Phase IV - Contract 1 21-309-002: Construction of new storm drains to separate approximately 230 acres in East Boston and is a continuation of sewer separation work that has been implemented in the neighborhood over the last 20 years. The project also includes upgrades of the sanitary sewer and water main systems to continue to provide the highest-level service to the community. Construction Contract No. 1 is one of five (5) planned contracts. The total three-year budget is \$13,051,950.

Sewer & Storm Drain Improvements in Hyde Park. Sewer R&R with Associated Water Relay - 21-309-001: The contract includes associated water relay for pipes within project limits. Sewer and Storm Drain Improvements in Hyde Park based on the findings of the CMOM group which identified sewer and drain defects in this area. The total three-year budget is \$600,000.

Sewer Replacement/Rehabilitation based on findings of the CMOM group, some Water Main Replacement - 20-309-006: Sewer Replacement/Rehabilitation based on findings of the CMOM group, some Water Main

Replacement. Construction commenced in July 2024 and is projected to be completed in December 2025. The total three-year budget is \$286,000.

Water Main Valve Replacement - 20-308-006: Replacement of water main valves, citywide. These improvements are based on the findings of the Special Structures group which identified faulty valves when surveyed and exercised. Schedule of work is subject to BPWD approval during winter moratorium, which may delay work. The total three-year budget is \$400,000.

South End Water Improvements Phase III - 20-308-002: Water Relay for 6,770 feet of 12- and 16-inch water mains on Shawmut Avenue, Waltham, Hanson and Bond Street in the South End. As part of the design work, associated sewers and drains. The total three-year budget is \$3,791,200.

Replacement and Rehab of Water Sewer and Drainpipes in South End and Dorchester - 20-308-001: Replacement of older cast iron water mains. Also, associated sewers and drains that are in disrepair. The total three-year budget is \$343,166.

Water Relay Beacon Hill - 19-308-004: Replacement and rehabilitation of water mains in Beacon Hill. The total three-year budget is \$3,365,822.

Water Replacement and Rehabilitation w/associated Sewer and Drain R&R - 19-308-002: Replacement and rehabilitation of water, sewers and drains in Charlestown. The total three-year budget is \$7,896,872.

Citywide R&R - 18-309-003: Replacement of sanitary sewer, storm drain and combined sewer pipes in need of structural repair as identified by various Commission inspection programs. Replacement of water main associates with sewerage works. The total three-year budget is \$3,991,000.

Replacement of Water Mains Replacement in Fenway/Kenmore - 18-309-001: Replacement of Water Mains on Jersey Street, Peterborough Street, and Public Alley 931. Construction commenced in October 2023. The total three-year budget is 675,042.

PROJECT CASH FLOW

Table 11 on page 37 presents cash flow expenditures for Water Replacement Projects for the period from 2026-2028. The total expenditures for the three-year period are \$97.4 million, of which \$38.8 million is allocated in 2026.

Table 11 - Water Replacement

Description	Contract	Prog	Class	2026	2027	2028	2026-2028
CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 3	26-309-005		10100 RATE	\$ -	\$ -	\$ 27,200	\$ 27,200
CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 2	26-309-003		10100 RATE	\$ -	\$ -	\$ 27,200	\$ 27,200
East Boston Sewer Separation Phase IV - Contract 3	26-309-002		10100 RATE	\$ -	\$ -	\$ 509,333	\$ 509,333
East Boston Sewer Separation Phase IV - Contract 3	26-309-002		10100 SRF	\$ -	\$ -	\$ 509,333	\$ 509,333
CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 1	26-309-001		10100 RATE	\$ -	\$ -	\$ 27,200	\$ 27,200
Sewer and Drain Replacement and Rehabilitation for North End	25-309-003		10100 RATE	\$ -	\$ -	\$ 27,200	\$ 27,200
Sewer and Drain Replacement and Rehabilitation in Allston/Brighton	25-309-002		10100 RATE	\$ -	\$ 27,200	\$ 124,800	\$ 152,000
Water Main Replacement on Saint Botolph Street	25-308-009		10100 RATE	\$ 4,000,000	\$ -	\$ -	\$ 4,000,000
Water Relay Dorchester	25-308-004		10100 RATE	\$ -	\$ -	\$ 400,000	\$ 400,000
Water Relay Hyde Park	25-308-003		10100 RATE	\$ -	\$ -	\$ 160,000	\$ 160,000
Water Relay East Boston	25-308-002		10100 RATE	\$ -	\$ -	\$ 200,000	\$ 200,000
Water Relay Chinatown	25-308-001		10100 RATE	\$ -	\$ 400,000	\$ 3,200,000	\$ 3,600,000
South Boston Sewer Separation - Contract 5	24-309-012		10100 RATE	\$ -	\$ -	\$ 1,968,000	\$ 1,968,000
South Boston Sewer Separation - Contract 5	24-309-012		10100 SRF	\$ -	\$ -	\$ 1,771,200	\$ 1,771,200
Charlestown Sewer Separation	24-309-006		10100 RATE	\$ 215,883	\$ 480,197	\$ -	\$ 696,080
Replacement and Rehabilitation of Water, Sewer and Drain Pipes in Roxbury and Jamaica Plain	24-309-003		10100 RATE	\$ -	\$ 1,642,513	\$ -	\$ 1,642,513
Water, Sewer and Drain Replacement and Rehabilitation Citywide on an as needed basis	24-309-002		10100 RATE	\$ -	\$ 80,000	\$ -	\$ 80,000
Water Relay Back Bay/ East Boston	24-308-003		10100 RATE	\$ 2,722,857	\$ 1,722,857	\$ -	\$ 4,445,714
Water Main Replacement Heath Street	24-308-002		10100 BONDS	\$ -	\$ 1,866,667	\$ 3,333,333	\$ 5,200,000
Water Relay Tremont Street	24-308-001		10100 BONDS	\$ 5,310,494	\$ 4,059,762	\$ -	\$ 9,370,256
South Boston Sewer Separation - Contract 4	23-309-012		10100 BONDS	\$ 800,000	\$ 800,000	\$ 1,492,400	\$ 3,092,400
South Boston Sewer Separation - Contract 4	23-309-012		10100 SRF	\$ 344,400	\$ 344,400	\$ 344,400	\$ 1,033,200
R & R of Sewer and Drain in Fenway	23-309-011		10100 BONDS	\$ -	\$ 200,192	\$ 700,672	\$ 900,864
East Boston Sewer Separation Phase IV - Contract 2	23-309-002		10100 BONDS	\$ 193,333	\$ 1,159,997	\$ 773,338	\$ 2,126,667
East Boston Sewer Separation Phase IV - Contract 2	23-309-002		10100 SRF	\$ 193,333	\$ 1,159,997	\$ 773,338	\$ 2,126,667
Water Relay South End Phase IV	23-308-002		10100 RATE	\$ -	\$ 440,000	\$ 2,440,000	\$ 2,880,000
Water Relay Lower Roxbury	23-308-001		10100 RATE	\$ 2,925,714	\$ 2,194,286	\$ -	\$ 5,120,000
South Boston Sewer Separation - Contract 3	22-309-012		10100 BONDS	\$ 926,280	\$ -	\$ -	\$ 926,280
South Boston Sewer Separation - Contract 3	22-309-012		10100 SRF	\$ 2,366,136	\$ -	\$ -	\$ 2,366,136
Upper Roxbury R&R	22-309-003		10100 RATE	\$ 662,069	\$ 662,069	\$ -	\$ 1,324,138
Replacement of Sewer and Drains Citywide, R&R	22-309-002		10100 RATE	\$ 923,000	\$ 213,000	\$ -	\$ 1,136,000
REHABILITATION AND REPLACEMENT OF WATER, SEWER, AND DRAIN PIPES IN WEST ROXBURY AND ROSLINDALE	22-308-003		10100 RATE	\$ 165,627	\$ -	\$ -	\$ 165,627
Replacement of Water Mains Citywide	22-308-002		10100 RATE	\$ 2,196,003	\$ 1,194,318	\$ -	\$ 3,390,321
Engineering Design, 3 year Services	22-206-009		10100 BONDS	\$ 480,000	\$ 480,000	\$ -	\$ 960,000
Engineering Design, 3 year Services	22-206-008		10100 BONDS	\$ 600,000	\$ -	\$ -	\$ 600,000
East Boston Sewer Separation Phase IV - Contract 1	21-309-002		10100 BONDS	\$ 1,720,000	\$ 2,480,000	\$ -	\$ 4,200,000
East Boston Sewer Separation Phase IV - Contract 1	21-309-002		10100 RATE	\$ 717,000	\$ 1,717,475	\$ 3,417,475	\$ 5,851,950
East Boston Sewer Separation Phase IV - Contract 1	21-309-002		10100 SRF	\$ 1,480,000	\$ 1,520,000	\$ -	\$ 3,000,000
Sewer & Storm Drain Improvements in Hyde Park. Sewer R&R with associated water relay.	21-309-001		10100 RATE	\$ 300,000	\$ 300,000	\$ -	\$ 600,000
Sewer Replacement/Rehabilitation based on findings of the CMOM group, some Water Main Replacement	20-309-006		10100 RATE	\$ 143,000	\$ 143,000	\$ -	\$ 286,000
Water Main Valve Replacement	20-308-006		10100 RATE	\$ 400,000	\$ -	\$ -	\$ 400,000
South End Water Improvements Phase III	20-308-002		10100 BONDS	\$ -	\$ 1,738,000	\$ 2,053,200	\$ 3,791,200
Replacement and Rehab of Water Sewer and Drain Pipes in South End and Dorchester	20-308-001		10100 RATE	\$ 343,166	\$ -	\$ -	\$ 343,166
Water Relay Beacon Hill - Addendum 3	19-308-004		10100 LWSAP	\$ 3,365,822	\$ -	\$ -	\$ 3,365,822
Water Replacement and Rehabilitation w/associated Sewer and Drain R&R	19-308-002		10100 BONDS	\$ 1,485,402	\$ 1,485,402	\$ 1,530,414	\$ 4,501,217
Water Replacement and Rehabilitation w/associated Sewer and Drain R&R	19-308-002		10100 RATE	\$ 1,120,566	\$ 1,120,566	\$ 1,154,522	\$ 3,395,655
Citywide R&R	18-309-003		10100 RATE	\$ 1,995,500	\$ 1,995,500	\$ -	\$ 3,991,000
Replacement of Water Mains Replacement in Fenway/Kenmore	18-309-001		10100 BONDS	\$ 675,042	\$ -	\$ -	\$ 675,042
				2026	2027	2028	Total 2026 - 2028
Water Replacement				\$38,770,628	\$31,627,397	\$26,964,557	\$97,362,582
BWSC Bonds				12,190,550	14,270,019	9,883,357	36,343,926
RATE Revenue				18,830,386	14,332,980	13,682,930	46,846,297
SRF				4,383,869	3,024,397	3,398,270	10,806,536
LWSAP				3,365,822			3,365,822

WATER DISTRIBUTION SYSTEM SPECIAL PROJECTS

DESCRIPTION AND JUSTIFICATION

Special Projects includes funding for a variety of system planning and other studies, professional services associated with the rehabilitation and operation of the water system, and for the engineering design and construction of the installation or replacement of water mains associated with bridge improvement projects undertaken by other agencies. Also included are the associated design and engineering services required for the implementation of capital projects and the permanent paving fees for ongoing and future capital improvements.

Overall, the objectives of the Water Distribution System Special Projects are to extend the useful life of water mains, reduce long-term maintenance and repair costs, reduce the occurrence of main breaks and the resulting impacts, conserve drinking water and coordinate improvements with other agencies to minimize disruptions.

PROJECTS

Water Pipe Testing Services - 26-206-xxx: Professional services contract for lab and analysis on water pipes. This professional services contract provides metallurgical testing of pipes. The information provided by the testing is to be used in conjunction with water main breaks to forecast future CIP work. The services are expected to begin in April 2026 and conclude in April 2029. The three-year budget is \$204,800.

Traffic Management Services - 25-206-xxx: Professional services contract for traffic management design. In support of the capital plan, on occasion it is necessary to develop traffic management plans for construction phasing of water, sewer, and drain replacement projects. This project allows the Commission to utilize transportation engineers to develop these plans in accordance with BTD regulations. If the construction will occur on state agency roadways, the traffic plans can be produced to meet state agency requirements. The contract is scheduled to be signed by the end of the year and last three years. The three-year budget is \$160,000.

Excavation for Identification of Water Services – Vacuum - 24-308-005: Excavation of water services to determine material type per Administrative Consent Order. The three-year budget is \$160,000.

Evaluation of Water Transmission Mains - 24-206-004: Transmission main study and Design Contract. To evaluate the state of the water transmission system and design the first rehabilitation contract. The three-year budget is \$2,400,000.

Lead Program for Schools and Childcare Facilities - 23-206-006: This funding will be used to develop and implement a long-term program for lead sampling of the tap water of public and private schools and licensed childcare facilities within the Commission's service area. The three-year budget is \$652,650.

BWSC Unidirectional Water Flushing - 22-203-001: This project involves the implementation and maintenance of a flushing program for the Commission's water distribution system by a qualified professional engineering consulting firm. The three-year budget is \$746,400.

Engineering Design Services - 21-206-004: Water System Model Update and asset evaluation. Design Services to update water distribution model and perform asset management. The three-year budget is \$9,751.

City of Boston Permits: This project involves obtaining street opening permits from the City of Boston for excavation activities performed by the Commission's crews and contractors in the public way. The City of Boston Public Works Department issues the street opening permits for which the Commission reimburses the City. The Boston Water and Sewer Commission is required by the City of Boston's regulations to obtain street opening permits for any construction activity that will require the removal of existing street and/or sidewalk material in the public way. This budget accounts for the annual invoicing of permits. The three-year budget is \$6,000,000.

Paving and Restoration: This project involves the permanent restoration of streets and sidewalks excavated as a result of Commission activities. Operations added a second Restoration of Sidewalk Excavations in 2023, due to the increased number of lead service pipe investigations and replacements. The Boston Water and Sewer Commission is responsible for the permanent restoration of streets and sidewalks excavated during the construction activities. On an annual basis, the Commission publicly advertises and awards to private contractors to perform the permanent restoration work. Due to the greater number of sidewalk excavations during the lead investigations, Operations added another sidewalk restoration contract in 2023 and will continue this while the program is in effect. The three-year budget is \$9,584,000.

Streets	2026	2027	2028	2026-2028 Total
Permits	\$2,000,000	\$2,000,000	\$2,000,000	\$6,000,000
Paving	\$3,040,000	\$3,192,000	\$3,352,000	\$9,584,000
Total	\$5,040,000	\$5,192,000	\$5,352,000	\$15,584,000

PROJECT CASH FLOW

Table 12 on page 40 illustrates the cash flow information for the Water Special Program for 2026-2028. Three-year expenditure for this program total \$117.5 million, of which \$45.4 million is allocated in 2026.

Table 12 - Water Special

Description	Contract	2026	2027	2028	2026-2028
Water Pipe Testing Services	26-206-xxx	\$ 44,800	\$ 80,000	\$ 80,000	\$ 204,800
Traffic Management Services	25-206-xxx	\$ 53,334	\$ 53,334	\$ 53,333	\$ 160,000
Excavation for Identification of Water Services - Vacuum	24-308-005	\$ 349,679	\$ -	\$ -	\$ 160,000
Evaluation of Water Transmission Mains	24-206-004	\$ 480,000	\$ 960,000	\$ 960,000	\$ 2,400,000
Lead Program for Schools and Childcare Facilities	23-206-006	\$ 412,200	\$ 240,450	\$ -	\$ 652,650
BWSC Unidirectional Water Flushing	22-203-001	\$ 248,800	\$ 248,800	\$ 248,800	\$ 746,400
Engineering Design Services	21-206-004	\$ 9,751	\$ -	\$ -	\$ 9,751
CoB Permits		\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 6,000,000
Paving		\$ 3,040,000	\$ 3,192,000	\$ 3,352,000	\$ 9,584,000
		2026	2027	2028	Total 2026 - 2028
Water Special		\$6,638,564	\$6,774,584	\$6,694,133	\$20,107,281
BWSC Bonds		2,955,285	3,253,784	3,013,333	9,222,402
RATE Revenue		3,333,600	3,520,800	3,680,800	10,535,200
SRF		349,679			349,679

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THE SEWER SYSTEM

The Commission owns and operates a system for the collection and transport of wastewater in the City of Boston.

The original backbone of the sewer system was the Boston Main Drainage System (“BMDS”). The BMDS was constructed from 1877 to 1884 under the direction of a special committee established by the City of Boston for that specific purpose. The original system consisted of five combined interceptors, the Calf Pasture pumping station and the Dorchester Bay Tunnel. Neither the pumping station, nor the tunnel is in use today. The BMDS interceptors were initially designed to carry a peak dry weather sanitary flow together with an allowance for stormwater.

In 1988, construction of the New Boston Main Interceptor and the New East Side Interceptor were completed, replacing portions of the original system. The interceptors serve the sewer needs of downtown Boston, the South End, Roxbury, Dorchester, and South Boston. These improvements have increased capacity, eliminated dry weather overflows, and decreased the occurrences and volume of wet weather overflows.

Other collection facilities provide sewer services to different parts of the City. Charlestown is served by a separated system, except for one small area. East Boston, City Proper, South Boston and Roxbury are served by combined systems; however, major portions of each area have been or are in the process of being separated. The South End has been separated under a program initiated by the City’s urban renewal program and continued by the Commission where feasible and cost effective. Allston/Brighton, Roslindale, West Roxbury, Hyde Park, Mattapan and portions of Dorchester and Jamaica Plain, all of which are in the southern part of the City, are served by separate systems.

The backbone of the Commission’s sewer is several major interceptors, which convey flows from the Commission’s system to the MWRA’s interceptors. The New East Side Interceptor, the Boston Main Interceptor completed in 1988 and the New Albany St. Interceptor completed in 1990, serve Downtown, South Boston, the South End and Dorchester. The other interceptors and the neighborhoods they serve are:

<u>Interceptor</u>	<u>Neighborhood Served</u>
Boston Main Interceptor	South End, Roxbury and North Dorchester
Dorchester Interceptor	Dorchester and Neponset
East Side Interceptor	Downtown and North End
Faneuil Street Trunk Sewer	Allston/Brighton
Roslindale Interceptor	Roslindale and West Roxbury
South Boston Interceptors	South Boston
Southwest Corridor Interceptor	Roxbury and Jamaica Plain
Stony Brook Interceptor	Roxbury
Stony Brook Valley Sewer	Roxbury and Jamaica Plain
West Side Interceptor	Back Bay, Beacon Hill and West End
Talbot Avenue High Level Sewer	Dorchester, Mattapan and Roslindale
Hyde Park Trunk Sewer	Hyde Park
East Boston Low Level Sewer	East Boston
Dorchester High Level Sewer	Mattapan and Hyde Park

The sewer system is comprised of the following:

APPURTENANCES		SEWER PIPES CITY WIDE		TYPE OR DESIGNATION	
Catch Basins	30,541	Total Linear Feet	8,134,861	Combined Sewer	137 Miles
Manholes	50,581	Total Linear Miles	1,541	Combined Sewer Overflow	12 Miles
Regulators	144	Pumping Stations	9	Sanitary Sewer	718 Miles
Tide gates	200			Storm Drain	674 Miles

OBJECTIVES

Primary Objectives of the 2026-2028 Sewer Collection System are:

- Implement and manage contracts affiliated with the Consent Decree
- Implement Green Infrastructure Projects
- Comply with the requirements of the Commission's National Pollutant Discharge Elimination System (“NPDES”) and Municipal permits
- Minimize infiltration and inflow into the sanitary system, which will increase system capacity and decrease treatment costs
- Reduce combined sewer overflows by reducing wet weather inflows and minimizing sea water intrusions
- Provide sufficient hydraulic capacity for current and projected flows
- Protect the structural integrity of the wastewater collection and storm drainage systems
- Coordinate sewer system improvements with the related projects of other public agencies

OBJECTIVES

The objectives of the Sewer System Capital Improvement Program for 2026-2028 are to provide uninterrupted wastewater transport and storm drainage services to the residents, businesses, and visitors of Boston and to improve water quality in Boston Harbor and its tributary waters. The 2026-2028 CIP has five major programs for the Sewer System: the sewer renewal and replacement program, the increased capacity program, the sewer separation program, the infiltration/inflow program, and sewer special program.

The Commission’s CMOM Program utilizes closed circuit TV camera inspection equipment and software to assess the structural and maintenance condition of pipes and identify areas of excessive infiltration and inflow. The System Condition Risk Enhanced Assessment Model “SCREAM” software system is utilized to prioritize these inspection results for repair and replacement by Commission crews and under its Capital Improvement Program. The CMOM Program includes the cleaning and inspection of approximately 85 miles of sewer pipe in 2026. This along with TV inspection under other programs will result in the inspection of 90 miles of pipe in 2026 with a goal of completing the entire system over a ten-year period.

The sewer system objectives will be carried out through the continuation of the following program activities renewal and replacement of sewer pipes, rehabilitation of sewers and drains, separation of combined sewers, improvements that will result in an increase in system capacity, an infiltration/inflow reduction program including the disconnection of downspouts and several special projects necessary to improve the efficiency and effectiveness of the sewer system.

In addition, all sewers and drains on streets where water mains are to be replaced will be inspected prior to replacement. All defective pipes will then be replaced or rehabilitated in the water main replacement contract under the 2026-2028 Sewer System Capital Program.

WASTEWATER PROJECT HIGHLIGHTS

- New Boston Main Interceptor
- South Boston Separation
- Design of Dorchester Interceptor
- West Roxbury and Hyde Park SSES
- Sewer Improvements in Charlestown
- Sewer R&R in Fenway
- Replacement and Rehabilitation of Sewer in Dorchester and South Boston
- Replacement and Rehabilitation of Sewers and Drains in Allston/Brighton, Fenway/Kenmore, Jamaica Plain and Roxbury
- Charlestown SSES
- Dorchester, Mattapan and Roxbury R&R

PROJECT CASH FLOW

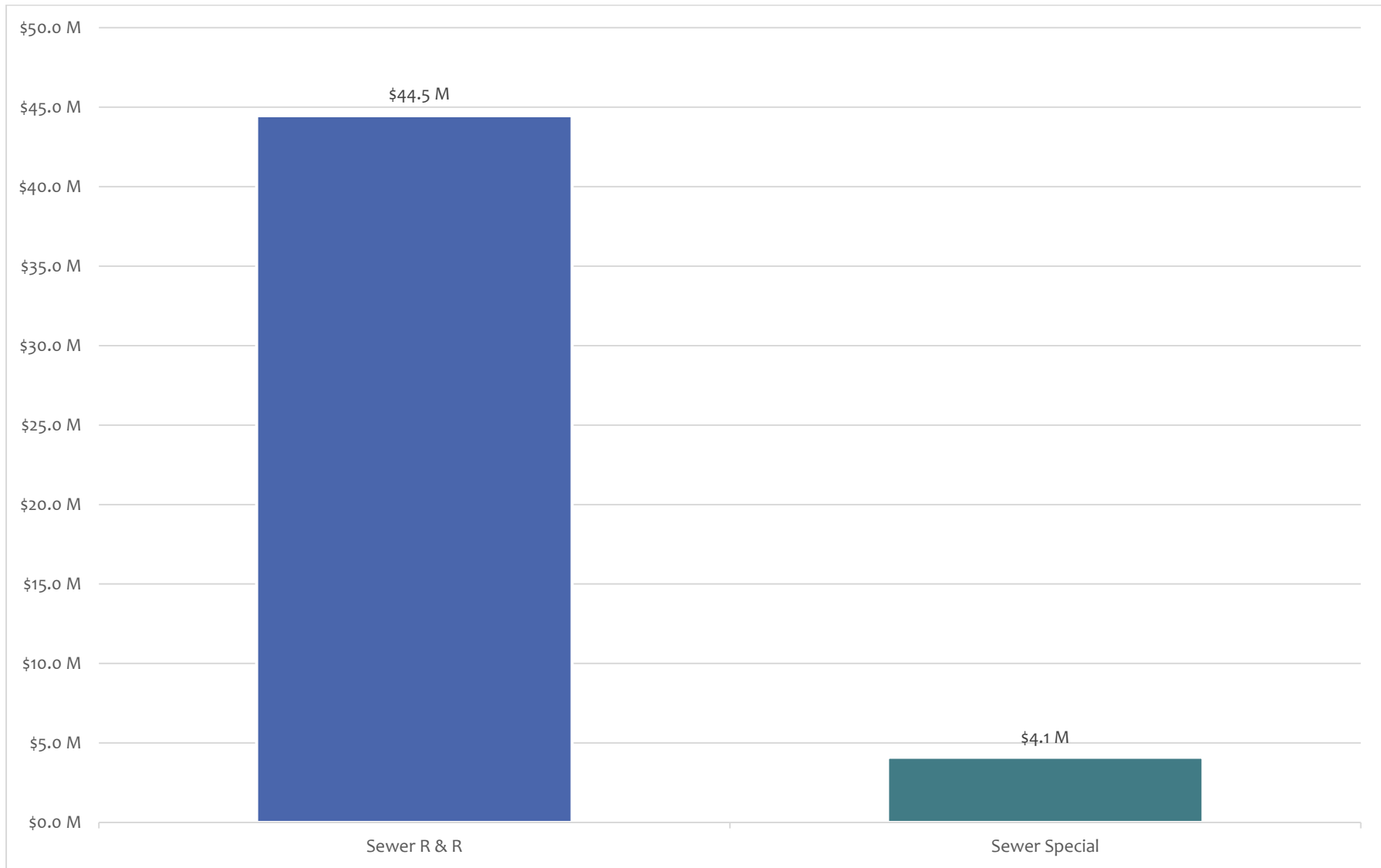
Table 13 on page 47 illustrates Sewer Distribution System by Category. Graph 10 on page 19 illustrates the capital expenditures by program of the Total Sewer Program for 2026-2028. Three-year total expenditures are \$143.3 million, of which \$48.6 million is allocated in 2026. Graph 12 on page 51 illustrates Sewer Expenditure by Funding Source for 2026-2028.

TABLE 13 - SEWER DISTRIBUTION SYSTEM BY CATEGORY

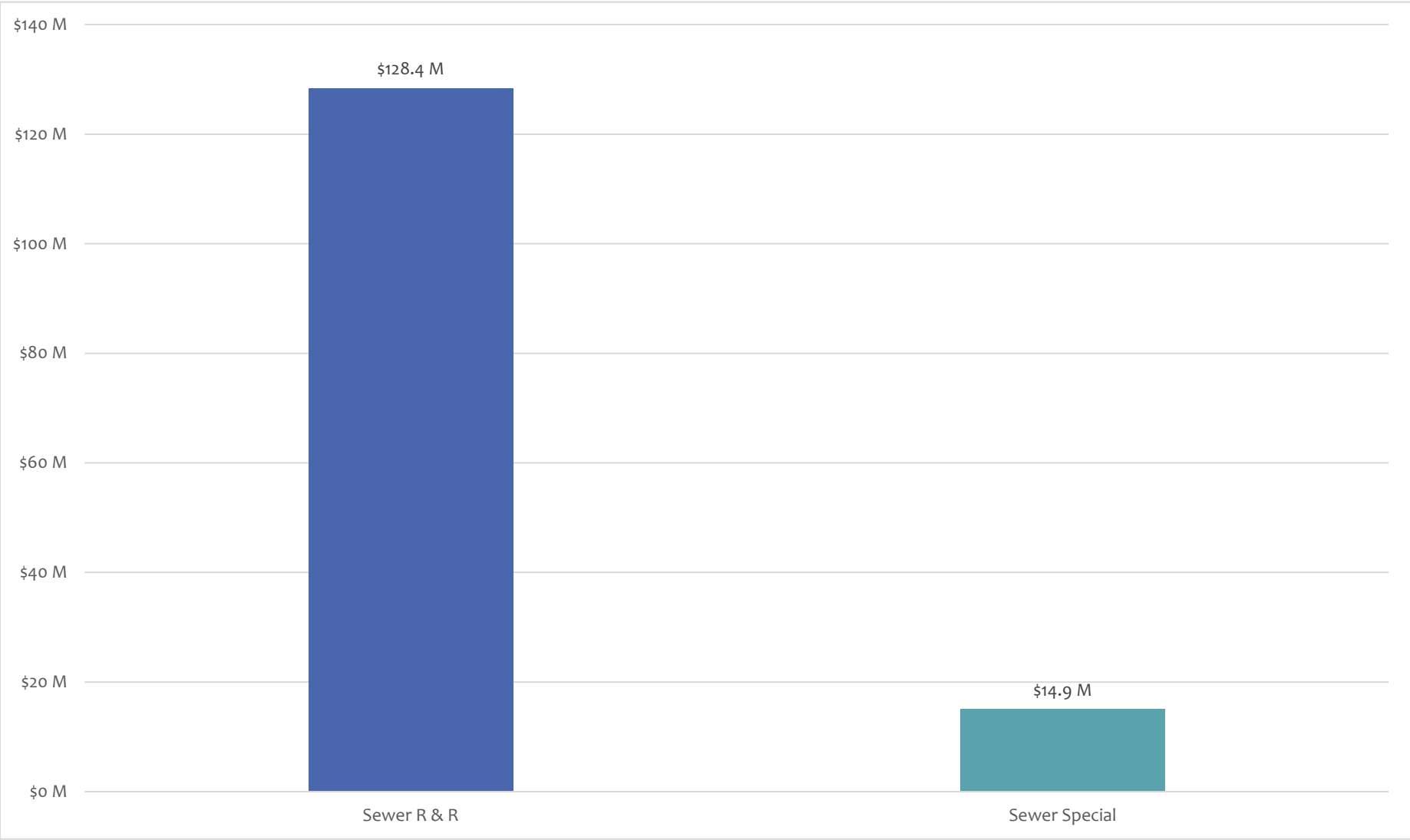
**Capital Improvement Program
2026 - 2028
Sewer Total**

	2026	2027	2028	Total 2026 - 2028
Sewer Replacement	\$ 44,461,152	\$ 47,673,213	\$ 36,216,130	\$ 128,350,495
BONDS	15,924,454	15,476,767	5,792,805	37,194,026
MWRA II	11,504,941	8,662,085	1,117,000	21,284,026
RATE	10,646,296	18,187,693	20,203,649	49,037,639
SRF	6,385,461	5,346,669	9,102,675	20,834,805
Sewer Special	\$4,101,766	\$2,548,586	\$7,847,388	\$14,987,975
BONDS	1,070,400	568,000	548,000	2,186,400
MWRA II	1,019,200		960,000	1,979,200
RATE	2,012,166	1,980,586	1,139,388	5,622,375
SRF			5,200,000	5,200,000
Total	\$48,562,918	\$50,221,800	\$44,063,518	\$143,338,470
BONDS	16,994,854	16,044,767	6,340,805	39,380,426
MWRA II	12,524,141	8,662,085	2,077,000	23,263,226
RATE	12,658,462	20,168,280	21,343,037	54,660,014
SRF	6,385,461	5,346,669	14,302,675	26,034,805
Total	\$48,562,918	\$50,221,800	\$44,063,518	\$143,338,470

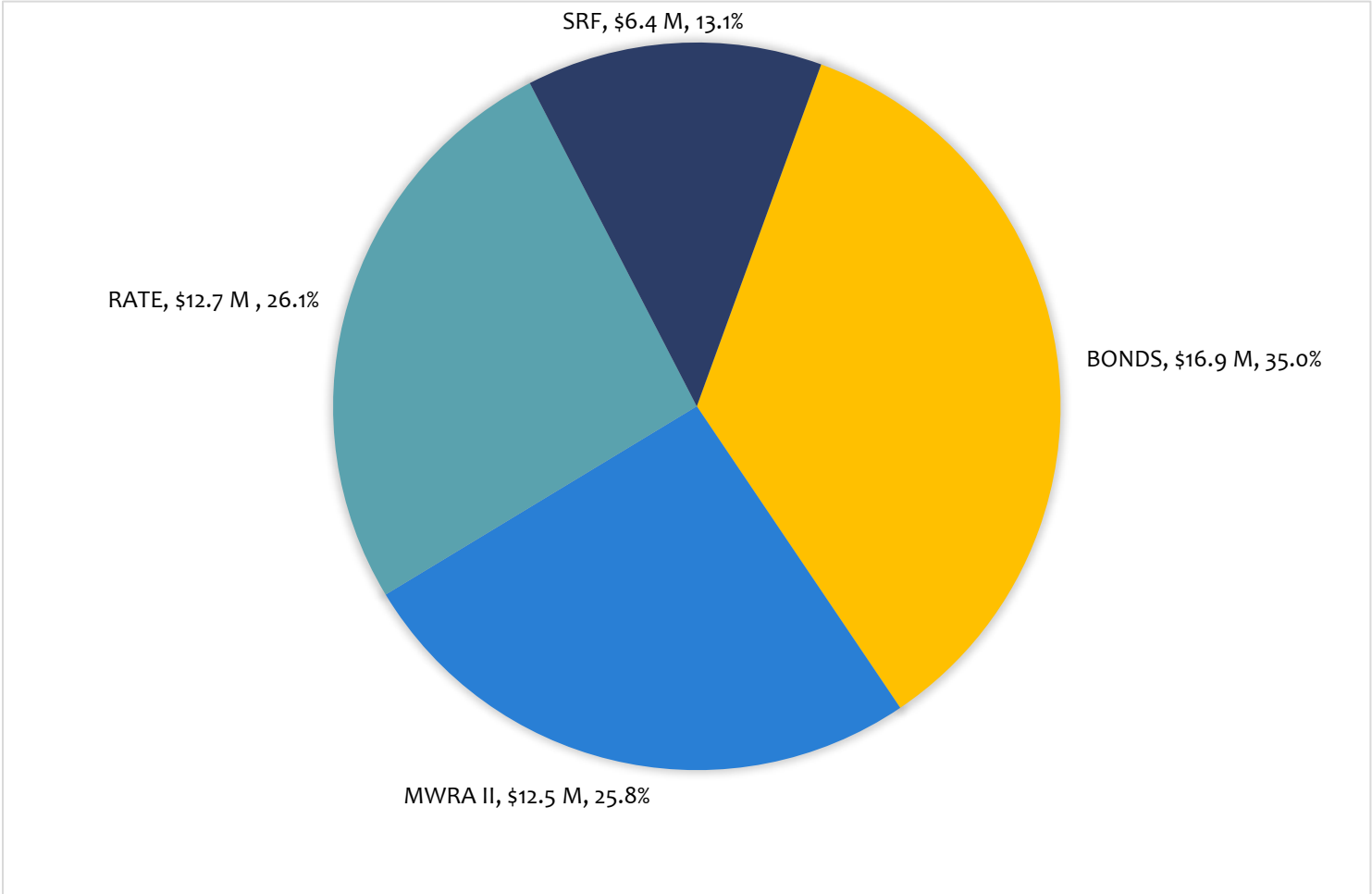
Graph 9 – 2026 Total Sewer Expenditures by Program \$48.6 Million



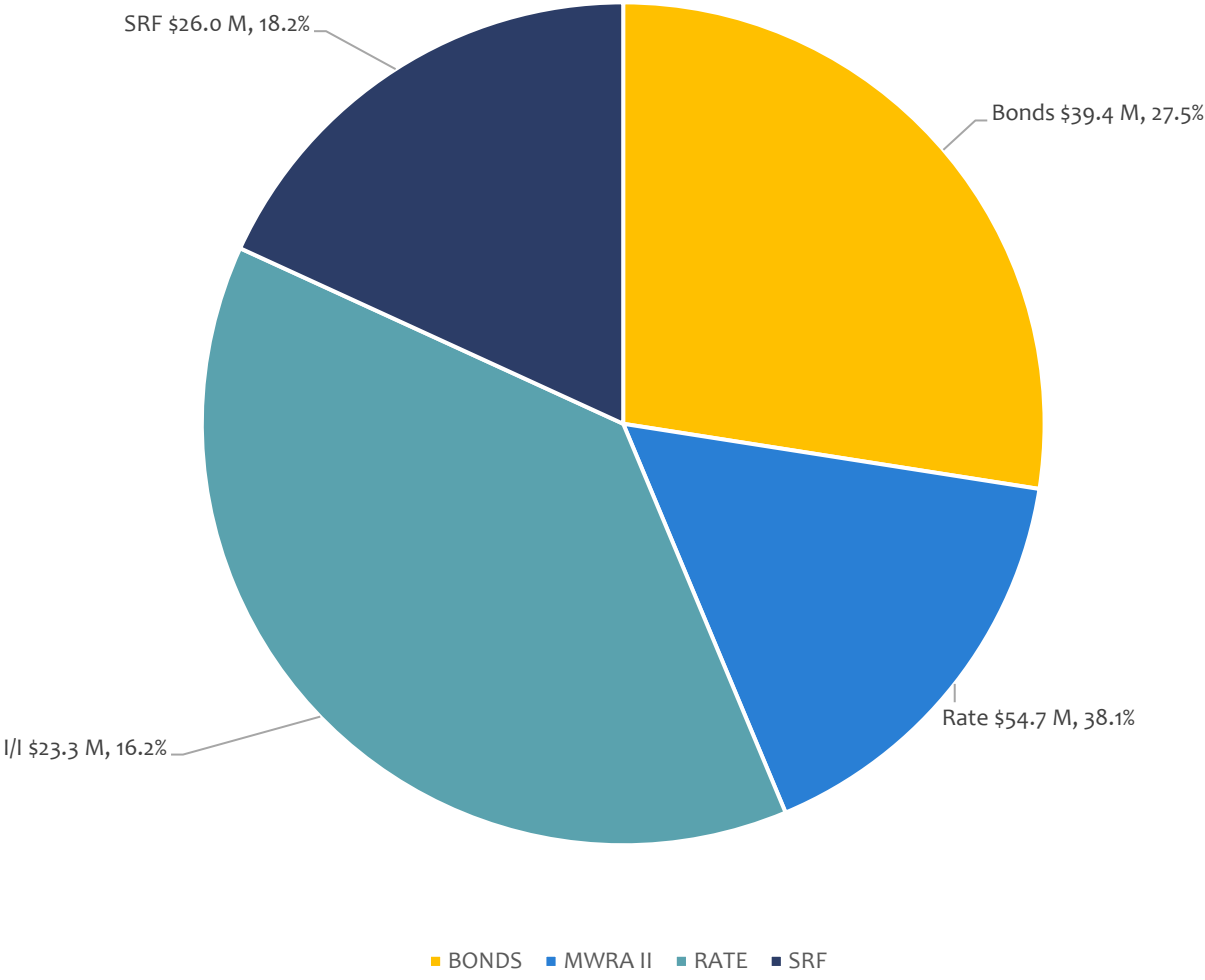
Graph 10 – 2026 - 2028 Total Sewer Expenditures by Funding Source \$143.3 Million



Graph 11 – 2026 Total Sewer Expenditures by Funding Source \$48.6 Million



Graph 12 - 2026 - 2028 Sewer Expenditures by Funding Source \$143.3 Million





22-309-012 Sewer Manhole Installation on West Seventh St. at D St.

SEWER RENEWAL AND REPLACEMENT

DESCRIPTION AND JUSTIFICATION

Renewal and replacement projects involve the trenchless rehabilitation or replacement of sewers and storm drains in response to persistent malfunction, structural deterioration, excessive emergency repairs and other operation and maintenance problems.

The Commission identifies sewer and drain lines that require renewal or replacement through television inspections, sewer system evaluation surveys and routine maintenance activities. Renewal and replacement projects are coordinated with the Boston DPWD's Roadway Resurfacing and Reconstruction Programs to ensure that the Commission avoids excavating newly resurfaced street, unless under emergency circumstances.

The objectives of the renewal and replacement program are to ensure the operability of sewers and storm drains, protect the structural integrity of the sewer system, reduce long-term capital and maintenance costs and minimize disruptions of service caused by sewerage back-ups or other related problems.

PROJECTS

CCTV of Sewers and Storm Drains/CMOM - Future Contracts - 26-309-009, 26-309-010, 27-309-009, 27-309-010, 28-309-009, 28-309-010: These projects entail the inspection of sewers and drains through the use of closed-circuit TV cameras utilizing the SCREAM coding system in order to assess the structural condition of the pipes. Approximately ninety (90) miles annually of various sized pipes will be cleaned and inspected with a goal of completing the entire system over a 10-year period. These contracts complete 60 miles annually. The total three-year budget is \$1,800,000.

CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 3 - 26-309-005: The intent of this project will be to rehab and replace water, sewer, and drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after the CIP is developed. The total three-year budget is \$1,016,600.

Engineering CCTV Contract - 26-309-004: Television inspection and cleaning of sewer and drain pipes in the City of Boston for streets where water main replacement or separation work is planned, and large conduits. The total three-year budget is \$373,333.

CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 2- 26-309-003: The intent of this project will be to rehab and replace water, sewer, and drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after the CIP is developed. The total three-year budget is \$1,016,600

East Boston Sewer Separation Phase IV - Contract 3 - 26-309-002: Construction Contract No. 3 is one of five (5) planned contracts to construct new storm drains to separate approximately 230 acres between all five (5) contracts in East Boston to further mitigate CSOs and improve water quality. The project also

includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community. The total three-year budget is \$1,248,000.

CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 1 - 26-309-001: The intent of this project will be to rehab and replace water, sewer, and drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after the CIP is developed. The total three-year budget is \$1,016,600

Inspection and Elimination of Inflow and Infiltration in the Groundwater Conservation Overlay District (GCOD) - 25-309-011: This project entails the inspection of sewers and drains through the use of closed circuit TV cameras utilizing the SCREAM coding system in order to assess for inflow and infiltration in sewer and drain lines citywide with a priority in the Back Bay/Beacon Hill neighborhood. This contract is scheduled to commence in November 2025 and be completed by November 2026. The total three-year budget is \$411,715.

Sewer and Stormwater Condition Monitoring Citywide - 25-309-010: These projects entail the inspection of sewers and drains through the use of closed-circuit TV cameras utilizing the SCREAM coding system in order to assess the structural condition of the pipes. Approximately ninety (90) miles annually of various sized pipes will be cleaned and inspected with a goal of completing the entire system over a 10 year period. These contracts complete 60 miles annually. The total three-year budget is \$145,992.

Sewer and Stormwater Condition Monitoring Citywide - 25-309-009: These projects entail the inspection of sewers and drains through the use of closed-circuit TV cameras utilizing the SCREAM coding system in order to assess the structural condition of the pipes. Approximately ninety (90) miles annually of various sized pipes will be cleaned and inspected with a goal of completing the entire system over a 10 year period. These contracts complete 60 miles annually. The total three-year budget is \$157,987.

Roadway Restoration of Boston Water and Sewer Excavations - 25-309-007: Permanent paving restoration of streets and sidewalks excavated during construction activities. The total three-year budget is \$147,581.

South Boston Sewer Separation - NBMI Phase III - 25-309-005: Rehabilitation of a portion of the 102" New Boston Main Interceptor (NBMI) on Frontage Road between Andrew Square and 15 Widett Circle, including rehabilitation of all manhole risers and 2 special structures. Construction is projected to commence in September 2024 and be completed in April 2026. The total three-year budget is \$18,480,000.

Sewer and Drain Replacement and Rehabilitation for North End - 25-309-003: The intent of this project will be to rehab and replace water/sewers/drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after CIP is developed. The total three-year budget is \$1,016,600.

Sewer and Drain Replacement and Rehabilitation in Allston/Brighton - 25-309-002: The intent of this project will be to rehab and replace water/sewers/drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after CIP is developed. The total three-year budget is \$5,681,000

Water Relay Chinatown - 25-308-001: Associated replacement of sanitary sewer, storm drain and combined sewer pipes. The total three-year budget is \$1,200,000.

South Boston Sewer Separation - Contract 5 - 24-309-012: Construction Contract No. 5 is one of five (5) planned contracts to construct new storm drains to separate approximately 400 acres in South Boston along the Dorchester Avenue Corridor. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community and to support the BPDA's initiative to foster future development along Dorchester Avenue. The total three-year budget is \$2,853,600.

Charlestown Sewer Separation - 24-309-006: Sewer Separation and water and sewer pipe replacement in Charlestown in the area known as Lost Village. Sewer separation to reduce CSO volumes. Replacement and rehabilitation of old or damaged water and sewer pipes. The total three-year budget is \$1,369,080.

Replacement and Rehabilitation of Water, Sewer and Drain Pipes in Roxbury and Jamaica Plain - 24-309-003: The replacement and rehabilitation of water, sewer and drain pipes in Roxbury and Jamaica Plain. This project involves the rehabilitation and replacement of sewers/drains where SSOs and other issues have occurred in order to mitigate future overflows. Additionally, water pipes on associated streets will be replaced. The total three-year budget is \$3,421,299.

Water, Sewer and Drain Replacement and Rehabilitation Citywide on an as needed basis -24-309-002: Water, Sewer and Drain Replacement and Rehabilitation Citywide on an as needed basis. The intent of this project will be to rehab and replace water/sewers/drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after CIP is developed. The total three-year budget is \$5,222,520.

Citywide R&R - 24-309-001: The intent of this project will be to rehab and replace sewers/drains where SSOs and other issues have occurred in order to mitigate future overflows. The total three-year budget is \$4,000,000.

Sewage Works Improvements in Mattapan - 24-308-014: The replacement and rehabilitation of water, sewer and drain pipes in Mattapan. The total three-year budget is \$4,123,389.

Water Relay Back Bay/ East Boston - 24-308-003: Associated replacement of sanitary sewer, storm drain and combined sewer pipes. The total three-year budget is \$1,450,286.

Water Main Replacement Heath Street - 24-308-002: Replacement of 12-inch and 36-inch water mains and replacement/rehabilitation of associated sewers and drains. Awaiting CCTV videos for approximately 3,085 ft of sewer and drain pipe, which may alter replacement v. lining footages. Water main repairs; sewer and drain work developed from CCTV inspection video review. Project schedule highly dependent on permitting and coordination with the MBTA for work near South Huntington Avenue. The total three-year budget is \$400,000.

Sewer Drain Sensor Deployment Phase 2 - 24-206-005: The purpose of this project is to continue the real-time sewer and drain level monitoring program currently deployed in Commission's system. The monitoring program tracks water levels in 75 sewer and drain pipes across the city and displays the data on a web-based dashboard. The dashboard and data is used to inform operation and planning objectives. This project will expand the number of sensors deployed in the sewer and drain system from 75 to 125. The total three-year budget is \$581,961.

South Boston Sewer Separation - Contract 4 - 23-309-012: Construction Contract No. 4 is one of five (5) planned contracts to construct new storm drains to separate approximately 400 acres in South Boston along the Dorchester Avenue Corridor. The project also includes upgrades of the sanitary sewer and water

main systems to continue providing the highest level of service to the community and to support the BPDA's initiative to foster future development along Dorchester Avenue. The total three-year budget is \$6,414,400.

R & R of Sewer and Drain in Fenway - 23-309-011: Replacement and rehabilitation of sanitary sewer and drain pipes. The pipes in this contract have been inspected and reviewed and are found to be in poor condition. Associated water work. The total three-year budget is \$965,211.

Drain Pipe Replacement in Dot Mattapan and Roxbury - 23-309-005: Sewer and Drain Replacement and Rehabilitation in Dorchester, Mattapan and Roxbury. The intent of this project will be to rehab and replace sewers/drains where SSOs and other issues have occurred in order to mitigate future overflows. The total three-year budget is \$1,141,450.

Citywide R&R - 23-309-003: Sewer and Drain Replacement and Rehabilitation Citywide. The total three-year budget is \$7,742,400.

East Boston Sewer Separation Phase IV - Contract 2 - 23-309-002: Construction Contract No. 2 is one of five (5) planned contracts to construct new storm drains to separate approximately 230 acres in East Boston to further mitigate CSOs and improve water quality. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community. The total three-year budget is \$4,913,334.

Sewage Works Improvements in Allston-Brighton- 23-309-001: Associated replacement of sanitary sewer, storm drain and combined sewer pipes. The total three-year budget is \$8,660,507.

Water Relay South End Phase IV - 23-308-002: Associated replacement of sanitary sewer, storm drain and combined sewer pipes. The total three-year budget is \$960,000.

Water Relay Lower Roxbury - 23-308-001: Associated replacement of sanitary sewer, storm drain and combined sewer pipes. The total three-year budget is \$1,680,000.

South Boston Sewer Separation - Contract 3 - 22-309-012: Construction Contract No. 3 is one of five (5) planned contracts to construct new storm drains to separate approximately 400 acres in South Boston along the Dorchester Avenue Corridor. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community and to support the BPDA's initiative to foster future development along Dorchester Avenue. The total three-year budget is \$3,395,309.

Upper Roxbury R&R - 22-309-003: Associated replacement of sanitary sewer, storm drain and combined sewer pipes. The total three-year budget is \$3,310,344.

Replacement of Sewer and Drains Citywide, R&R - 22-309-002: The intent of this project will be to rehab and replace sewers/drains where SSOs have occurred in order to mitigate future overflows. The total three-year budget is \$1,947,000.

Replacement of Water Pipe Rehabilitation of Sewers in Roslindale and West Roxbury - 22-309-001: Rehabilitation of sewers and drains and point repairs identified by the Planning Department during the Roslindale Sanitary Sewer Evaluation Survey, conducted by CDM Smith. The objective of this project is to reduce I/I tributary to the Roslindale Interceptor. The total three-year budget is \$3,237,356

Rehabilitation and Replacement of Water, Sewer, and Drain Pipes in West Roxbury and Roslindale - 22-308-003: Replacement of water mains and associated sewers and drains in West Roxbury. Replacement of CICAL or DI mains that have break history. Repair sewer and storm drain mains in the area with major structural damage. The total three-year budget is \$28,080.

Replacement of Water Mains Citywide - 22-308-002: Replacement of water mains and associated sewers and drains Citywide. Replacement of CICAL or DI mains that have break history. The total three-year budget is \$178,438.

Sewer Drain Model Update - 22-206-011: The purpose of this project is to update and recalibrate the Commission's Sewer and Drain model. The model has not been updated and calibrated since 2016. Utilizing models that are up to date and are representative of the Commission's infrastructure is critical to long term planning goals and to meet regulatory milestones. The total three-year budget is \$143,493.

East Boston Sewer Separation Phase IV - Contract 1 - 21-309-002: Construction Contract No. 1 is one of five (5) planned contracts to construct new storm drains to separate approximately 230 acres in East Boston to further mitigate CSOs and improve water quality. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community. The total three-year budget is \$1,866,669

Sewer & Storm Drain Improvements in Hyde Park. Sewer R&R with associated water relay - 21-309-001: Sewer and Storm Drain Improvements in Hyde Park based on the findings of the CMOM group which identified sewer and drain defects in this area. The contract also includes associated water relay for pipes within project limits. The total three-year budget is \$2,560,000.

South Boston Sewer Separation Contract - I -20-309-012: Installation of New Storm Drain, Sanitary Sewers and Water Mains in South Boston. Final and Semi Final Payments. The total three-year budget is \$32,000.

Replacement and Rehabilitation of Sewers and Drains in Allston/Brighton, Fenway/Kenmore, Jamaica Plain and Roxbury - 20-309-007: Includes sanitary sewer & drain replacement and rehabilitation in Allston/Brighton, Fenway/Kenmore, Jamaica Plain, and Roxbury. The total three-year budget is \$5,200,000.

Sewer and Drain Rehabilitation (R&R)- 20-309-006: Sewer Replacement/Rehabilitation based on findings of the CMOM group, some water main replacement. The total three-year budget is \$4,647,400.

South End Water Improvements Phase III - 20-308-002: Water Relay for 6,330 feet of 12- and 16-inch water mains on Shawmut Avenue, Waltham, Hanson and Bond Street in the South End. As part of the design work, associated sewers and drains found in disrepair will be structurally rehabilitated or replaced if found damaged beyond rehabilitation. At this time, the project also includes the lining of 1,600 linear feet of 10" thru 24" sewer pipe and the rehabilitation of 590 linear feet of 15" and 18" drainpipe. The total three-year budget is \$691,000.

Water Relay Beacon Hill - 19-308-004: Associated replacement of sanitary sewer, storm drain and combined sewer pipes. The total three-year budget is \$368,352.

Sewer Improvements in Charlestown - 19-308-002: This project will replace 8,800 feet of 8- and 12-inch water mains on Bunker Hill Street, Chelsea Street, School Street, Vine Street, and Bartlett Street in Charlestown. This contract is being programmed as a response to a request by the Operations Division for Water Relay on Chelsea Street, in conjunction with break history (School Street), and scoring on cast iron mains in Bunker Hill and Vine Streets. The total three-year budget is \$3,534,303.

Citywide R&R - 18-309-003: Replacement and rehabilitation of sewers and drains. The total three-year budget is \$3,473,200.

Replacement of Water Mains Replacement in Fenway/Kenmore - 18-309-001: Replacement of Water Mains on Jersey Street, Peterborough Street, and Public Alley 931. Construction commenced in October 2023. The total three-year budget is \$2,356,347

South Boston Sewer Separation - NBMI Phase II: The total three-year budget is \$ \$169,760.

West Roxbury & Hyde Park Sewer & Drain Rehabilitation and Replacement: The total three-year budget is \$1,600,000.

PROJECT CASH FLOW

Table 14 on page 59 presents the cash flow expenditures for the Sewer Renewal and Replacement Program. Total 2026-2028 expenditures are \$128.4 million, of which \$44.5 million is allocated in 2026.

Table 14 - Sewer Renewal & Replacement

Description	Contract	Class	2026	2027	2028	2026-2028
CCTV of Sewers and Storm Drains/CMOM - Future Contracts	26-309-009	MWRA II	\$ 360,000	\$ 720,000	\$ 720,000	\$ 1,800,000
CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 3	26-309-005	RATE	\$ -	\$ -	\$ 1,016,600	\$ 1,016,600
Engineering CCTV Contract	26-309-004	RATE	\$ -	\$ -	\$ 373,333	\$ 373,333
CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 2	26-309-003	RATE	\$ -	\$ -	\$ 1,016,600	\$ 1,016,600
East Boston Sewer Separation Phase IV - Contract 3	26-309-002	SRF	\$ -	\$ -	\$ 1,248,000	\$ 1,248,000
CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 1	26-309-001	RATE	\$ -	\$ -	\$ 1,016,600	\$ 1,016,600
Inflow and Infiltration Discovery	25-309-011	MWRA II	\$ 411,715	\$ -	\$ -	\$ 411,715
Sewer and Stormwater Condition Monitoring Citywide	25-309-010	MWRA II	\$ 145,992	\$ -	\$ -	\$ 145,992
Sewer and Stormwater Condition Monitoring Citywide	25-309-009	MWRA II	\$ 157,987	\$ -	\$ -	\$ 157,987
Roadway Restoration of Boston Water and Sewer Excavations	25-309-007	RATE	\$ 147,581	\$ -	\$ -	\$ 147,581
South Boston Sewer Separation - NBMI Phase III	25-309-005	BONDS	\$ 8,086,852	\$ 10,393,148	\$ -	\$ 18,480,000
Sewer and Drain Replacement and Rehabilitation for North End	25-309-003	RATE	\$ -	\$ -	\$ 1,016,600	\$ 1,016,600
Sewer and Drain Replacement and Rehabilitation in Allston/Brighton	25-309-002	RATE	\$ -	\$ 1,016,600	\$ 4,664,400	\$ 5,681,000
Water Relay Chinatown	25-308-001	RATE	\$ -	\$ 400,000	\$ 800,000	\$ 1,200,000
South Boston Sewer Separation - Contract 5	24-309-012	SRF	\$ -	\$ -	\$ 2,853,600	\$ 2,853,600
Charlestown Sewer Separation	24-309-006	MWRA II	\$ 579,303	\$ 789,777	\$ -	\$ 1,369,080
Replacement and Rehabilitation of Water, Sewer and Drain Pipes in Roxbury and Jamaica Plain	24-309-003	RATE	\$ -	\$ 400,000	\$ 3,021,299	\$ 3,421,299
Water, Sewer and Drain Replacement and Rehabilitation Citywide on an as needed basis	24-309-002	RATE	\$ -	\$ 2,033,512	\$ 3,189,008	\$ 5,222,520
Citywide R&R	24-309-001	RATE	\$ 800,000	\$ 1,600,000	\$ 1,600,000	\$ 4,000,000
Sewage Works Improvements in Mattapan	24-308-014	MWRA II	\$ 2,650,750	\$ 1,472,639	\$ -	\$ 4,123,389
Water Relay Back Bay/ East Boston	24-308-003	RATE	\$ 725,143	\$ 725,143	\$ -	\$ 1,450,286
Water Main Replacement Heath Street	24-308-002	BONDS	\$ -	\$ 266,667	\$ 133,333	\$ 400,000
Sewer Drain Sensor Deployment Phase 2	24-206-005	BONDS	\$ 269,590	\$ 185,526	\$ 126,844	\$ 581,961
South Boston Sewer Separation - Contract 4	23-309-012	SRF	\$ 1,600,000	\$ 1,600,000	\$ 3,214,400	\$ 6,414,400
R & R of Sewer and Drain in Fenway	23-309-011	BONDS	\$ -	\$ 214,491	\$ 750,720	\$ 965,211
Drain Pipe Replacement in Dot Mattapan and Roxbury	23-309-005	BONDS	\$ 1,141,450	\$ -	\$ -	\$ 1,141,450
Citywide R&R	23-309-003	BONDS	\$ 1,548,480	\$ 2,096,960	\$ 4,096,960	\$ 7,742,400
East Boston Sewer Separation Phase IV - Contract 2	23-309-002	SRF	\$ 446,666	\$ 2,679,994	\$ 1,786,675	\$ 4,913,334
Sewage Works Improvements	23-309-001	MWRA II	\$ 4,330,254	\$ 4,330,254	\$ -	\$ 8,660,507
Water Relay South End Phase IV	23-308-002	RATE	\$ -	\$ 280,000	\$ 680,000	\$ 960,000
Water Relay Lower Roxbury	23-308-001	RATE	\$ 746,669	\$ 933,331	\$ -	\$ 1,680,000
South Boston Sewer Separation - Contract 3	22-309-012	SRF	\$ 3,395,309	\$ -	\$ -	\$ 3,395,309
Upper Roxbury R&R	22-309-003	BONDS	\$ 1,655,172	\$ 1,655,172	\$ -	\$ 3,310,344
Replacement of Sewer and Drains Citywide, R&R	22-309-002	MWRA II	\$ 514,500	\$ 220,500	\$ -	\$ 735,000
Replacement of Sewer and Drains Citywide, R&R	22-309-002	RATE	\$ 848,400	\$ 363,600	\$ -	\$ 1,212,000
Replacement of water pipe and sewers and Rehabilitation of sewers in Roslindale and West Roxbury	22-309-001	MWRA II	\$ 2,354,441	\$ 882,915	\$ -	\$ 3,237,356
REHABILITATION AND REPLACEMENT OF WATER, SEWER, AND DRAIN PIPES IN WEST ROXBURY AND ROSLINDALE	22-308-003	RATE	\$ 28,080	\$ -	\$ -	\$ 28,080
Replacement of Water Mains Citywide	22-308-002	RATE	\$ 115,578	\$ 62,859	\$ -	\$ 178,438
Sewer Drain Model Update	22-206-011	SRF	\$ 143,493	\$ -	\$ -	\$ 143,493
East Boston Sewer Separation Phase IV - Contract 1	21-309-002	SRF	\$ 799,994	\$ 1,066,675	\$ -	\$ 1,866,669
Sewer & Storm Drain Improvements in Hyde Park. Sewer R&R with associated water relay.	21-309-001	RATE	\$ 1,280,000	\$ 1,280,000	\$ -	\$ 2,560,000
South Boston Sewer Separation Contract - I	20-309-012	BONDS	\$ 32,000	\$ -	\$ -	\$ 32,000
Replacement and Rehabilitation of Sewers and Drains in Allston/Brighton, Fenway/Kenmore, Jamaica Plain and Roxbury	20-309-007	RATE	\$ 2,400,000	\$ 2,400,000	\$ 400,000	\$ 5,200,000
Sewer Replacement/Rehabilitation based on findings of the CMOM group, some Water Main Replacement	20-309-006	RATE	\$ 1,161,852	\$ 2,788,445	\$ 697,103	\$ 4,647,400
South End Water Improvements Phase III	20-308-002	MWRA II	\$ -	\$ 246,000	\$ 397,000	\$ 643,000
South End Water Improvements Phase III	20-308-002	RATE	\$ -	\$ 18,000	\$ 30,000	\$ 48,000
Water Relay Beacon Hill	19-308-004	RATE	\$ 368,352	\$ -	\$ -	\$ 368,352
Water Replacement and Rehabilitation w/associated Sewer and Drain R&R	19-308-002	BONDS	\$ 664,802	\$ 664,802	\$ 684,948	\$ 2,014,553
Water Replacement and Rehabilitation w/associated Sewer and Drain R&R	19-308-002	RATE	\$ 501,518	\$ 501,518	\$ 516,715	\$ 1,519,750
Citywide R&R	18-309-003	RATE	\$ 1,323,124	\$ 1,984,686	\$ 165,390	\$ 3,473,200
Replacement of Water Mains Replacement in Fenway/Kenmore	18-309-001	BONDS	\$ 2,356,347	\$ -	\$ -	\$ 2,356,347
South Boston Sewer Separation - NBMI Phase II		BONDS	\$ 169,760	\$ -	\$ -	\$ 169,760
West Roxbury & Hyde Park Sewer & Drain Rehabilitation and Replacement		RATE	\$ 200,000	\$ 1,400,000	\$ -	\$ 1,600,000
			2026	2027	2028	Total 2026 - 2028
Sewer Rehabilitation			\$44,461,152	\$47,673,213	\$36,216,130	\$128,350,495
BONDS			15,924,454	15,476,767	5,792,805	37,194,026
MWRA II			11,504,941	8,662,085	1,117,000	21,284,026
RATE			10,646,296	18,187,693	20,203,649	49,037,639
SRF			6,385,461	5,346,669	9,102,675	20,834,805

SEWER SYSTEM SPECIAL

DESCRIPTION AND JUSTIFICATION

The Sewer System Special Projects category provides funding for a variety of system planning and other studies and for professional services associated with the rehabilitation and operation of the sewer system.

Overall, the objectives of the Sewer System Special Projects are to extend the useful life of the Commission's wastewater facilities, comply with the requirements of the NPDES Permit regulations and plan for future sewer system projects.

PROJECTS

Citywide Illicit Connections Phase 6 - 25-206-001: Illicit sanitary connections to storm drains are prohibited under the Commission's NPDES Stormwater Permit. Also, under the Consent Decree with EPA the Commission is required to identify and eliminate illicit connections and annually screen all of the Commission's storm drain and combined sewer outfalls. The total three-year budget is \$2,451,175.

Sewer Lateral Testing and CCTV Inspection of Sewers and Drains – 24-309-015: The new lateral testing contract will enable the Commission to continue testing sewer laterals for leakage and continue televising sewers and drains to identify illicit sanitary connections to the storm drain and structural deficiencies.

Inundation Model Update and Maintenance - 24-206-003: The purpose of this program is to utilize the updated Commission's Sewer and Drain Models to update the inundation model, add new LIDAR data and coastal sea level and storm surge data and rerun the updated inundation model to determine what areas of the city may experience inundation with the implementation of the City's flood barriers, implementation of the Coastal Stormwater discharge recommendations and stormwater detention recommendations. The project will also prepare conceptual designs for locations inland to address potential inland inundation. The total three-year budget is \$1,611,200.

On-Call GeoTechnical Design Services - 24-206-002: Professional services contract to provide geotechnical services to aid in the design of CIP projects in citywide. Further the Commission's compliance with the Consent Decree. The total three-year budget is \$120,000.

West Roxbury and Hyde Park SSES - 23-206-005: This construction project involves improvement to the sewer system that will remove infiltration and inflow. The work may include sewer rehabilitation, sewer replacement, abandonment of catch basin laterals that are connected to the sewer and reconnecting the catch basins to the storm drain system. The Commission under contract 23-206-005 is conducting a sewer system evaluation survey in section of West Roxbury and Hyde Park. The project has two discrete parts. The parts are field investigation to identify and quantify specific sources of infiltration and inflow into the sanitary sewer system. followed by preparation construction documents for modification to sewer and drainage system that will eliminate infiltration and inflow into the sanitary sewer. The total three-year budget is \$960,000.

3D Models of Sewer Structures-Phase II - 23-206-003: Produce animated three-dimensional (3D) interactive renderings for up to 50 sewer regulators and other sewer structures. The project will produce animated files that allow Commission staff to educate themselves on how regulating structures are configured and how they operate under varying weather conditions. The depictions will provide Commission employees with knowledge about what they will see in the field and how the structure operates

and how the tributary pipes impact them. These animated three-dimensional (3D) renderings will help the Commission in its goal to provide knowledge transfer to Commission employees. The total three-year budget is \$82,400.

Charlestown SSES - 23-206-001: The Massachusetts Department of Environmental Protection (MassDEP) developed regulations requiring sewer system operators to conduct an infiltration and inflow (I/I) analysis of their wastewater collection system and implement a long term plan to identify and remove extraneous flows. The I/I analysis was completed, and the final report was delivered to the Commission in May of 2017. The report's long-term plan divided the wastewater collection system into 11 regions and recommended that the BWSC conduct a sewer system evaluation survey (SSES) in one region each year. This project is initiated to identify sources of extraneous flows in the Charlestown region of the wastewater collection system. The Contract Documents will provide specific information to construct improvements to remove the extraneous flows. The total three-year budget is \$59,200.

Dorchester Interceptor - Relief Sewer Design - 22-206-005: This project involves engineering services, for design services in connection with the preparation construction document suitable for public bidding. The engineering firm will be responsible for the preparation of bid documents, include plans, specification and cost estimates for construction of the Dorchester Interceptor relief sewer and all appearances. Prior studies conducted by the Commission have shown that the Dorchester Interceptor is not able to convey flows during large storm events. The purpose of this project will be to design approximately 9,300 linear feet of new sewer intended to redirect and temporarily store excess flows from the Dorchester interceptor. in the new sewer and prevent SSOs during large storm events. The total three-year budget is \$400,000.

Water Pipe Testing Services - 22-206-004: Professional services contract for lab and analysis on water pipes. This professional services contract provides metallurgical testing of pipes. The information provided by the testing is to be used in conjunction with water main breaks to forecast future CIP work. The services commenced in April 2023 and are to be completed by April 2026. The total three-year budget is \$40,000.

Dorchester Interceptor Storage Tank Design: This project entails engineering services for design and preparation construction document suitable for public bidding. The engineering firm will prepared bid documents include plans, specification and cost estimates for construction of a tank and appurtenances for the temporary storage excess wastewater flows that occur in strategic locations during extreme storm events. The Dorchester Interceptor SSO Control Plan, completed by Kleinfelder in December of 2021 evaluate several alternatives to reduce the sanitary sewer overflows (SSO), during extreme storms events, in sections of the city served by the Dorchester Interceptor. The selected alternative was construction of a 60-inch diameter relief sewer and storage tank, that will retain excess flow and slowly release it back into the wastewater system after the storm event has passed. The total three-year budget is \$400,000.

CCTV Inspections for Tidal Infiltration: This project involves CCTV inspections of sanitary sewer and combined sewer in sections of the City with high groundwater level resulting from tide water levels. This modified SSES project will identify sources of extraneous flow in the wastewater system by closed circuit television inspection of sewers and combined sewer. Defects may include cracked or broken pipe that allow groundwater to enter the sewer system. The defects found will be evaluated and included in a capital improvements design project to rehabilitate or replace the cracked and broken pipe. The total three-year budget is \$960,000.

Dorchester Interceptor - Relief Sewer Construction Monitoring: This project involves engineering services in connection with monitoring construction of the Dorchester Interceptor Relief Sewer. Prior

studies conducted by the Commission have shown that the Dorchester Interceptor has insufficient capacity to convey flows during large storm events. The purpose of this project is to provide construction monitoring services for construction of approximately 9,300 linear feet of new 60-inch diameter relief sewer to improve hydraulic of the sewer system. The design is nearing completion and Commission's Construction Engineering Division staffing shortage will make it difficult to adequately monitor construction. The total three-year budget is \$800,000.

Dorchester Interceptor - Relief Sewer Construction: This project is for construction of the Dorchester Interceptor Relief Sewer. Prior studies conducted by the Commission have shown that the Dorchester Interceptor is not adequate to convey flows during large storm events resulting in SSOs. The Dorchester Interceptor Relief Sewer is presently in the design phase. The purpose of this project is to construction of approximately 9,300 linear feet of a new 60-inch sewer that will prevent SSOs during large storms. The total three-year budget is \$4,000,000.

City Of Boston Casting Fees: This project involves the payment to the City of Boston's roadway and sidewalk reconstruction contractors for the repair or replacement of the Commission's iron castings during the paving of the City of Boston streets or pouring of sidewalks by the Boston Public Works Department. The Commission is required to pay the City of Boston's contractors for the repairs and/or replacement of the Commission's iron castings as a result of the permanent restoration of streets or sidewalks under the City contracts. The total three-year budget is \$1,440,000.

Roxbury SSES: This project will entail an Infiltration and Inflow Sewer System Evaluation Survey (SSES) to identify sources of extraneous flow in the Commission's wastewater collection system. The SSES will include flow monitoring, manhole inspection, smoke testing, dye testing and television inspection of sewer pipes. Findings will be provided to the Commission in a report with recommendations for capital improvements to eliminate sources of extraneous flows. After the Commission approves the recommendations, Contract Documents for Bid will be produced.

Summer Street Pump Station: Upgrades/replacement of mechanical components/equipment/flood protection. The total three-year budget is \$240,000.

Union Park Pump Station: Upgrades/replacement of mechanical components, equipment, gates, structure, Cyber Security. The total three-year budget is \$1,160,000.

Trilling Way Pump Station: Upgrades/replacement of mechanical components/equipment. The total three-year budget is \$264,000.

PROJECT CASH FLOW

Table 15 on page 63 illustrates the cash flow expenditures for Sewer Special Projects for the period 2026-2028. The total expenditures for the Sewer Special program are \$15.0 million, of which \$4.1 million is allocated in 2026.

TABLE 15 - SEWER SPECIAL

Description	Contract	Class	2026	2027	2028	2026-2028
Citywide Illicit Connections Phase 6	25-206-001	RATE	\$ 784,376	\$ 784,376	\$ 392,188	\$ 2,451,175
Inundation Model Update and Maintenance	24-206-003	RATE	\$ 672,000	\$ 672,000	\$ 267,200	\$ 1,611,200
On-Call GeoTechnical Design Services	24-206-002	RATE	\$ 75,790	\$ 44,210	\$ -	\$ 120,000
West Roxbury and Hyde Park SSES	23-206-005	MWRA II	\$ 960,000	\$ -	\$ -	\$ 960,000
3D Models of Sewer Structures-Phase II	23-206-003	BONDS	\$ 82,400	\$ -	\$ -	\$ 82,400
Charlestown SSES	23-206-001	MWRA II	\$ 59,200	\$ -	\$ -	\$ 59,200
Dorchester Interceptor - Relief Sewer Design	22-206-005	BONDS	\$ 400,000	\$ -	\$ -	\$ 400,000
Water Pipe Testing Services	22-206-004	BONDS	\$ 40,000	\$ -	\$ -	\$ 40,000
Trilling Way Pump Station		BONDS	\$ 88,000	\$ 88,000	\$ 88,000	\$ 264,000
Union Park Pump Station		BONDS	\$ 360,000	\$ 400,000	\$ 400,000	\$ 1,160,000
Summer Street Pump Station		BONDS	\$ 100,000	\$ 80,000	\$ 60,000	\$ 240,000
CCTV Inspections for Tidal Infiltration		MWRA II	\$ -	\$ -	\$ 960,000	\$ 960,000
City Of Boston Casting Fees		RATE	\$ 480,000	\$ 480,000	\$ 480,000	\$ 1,440,000
Dorchester Interceptor - Relief Sewer Construction		SRF	\$ -	\$ -	\$ 4,000,000	\$ 4,000,000
Dorchester Interceptor - Relief Sewer Construction Monitoring		SRF	\$ -	\$ -	\$ 800,000	\$ 800,000
Dorchester Interceptor Storage Tank Design		SRF	\$ -	\$ -	\$ 400,000	\$ 400,000
			2026	2027	2028	Total 2026 - 2028
	Sewer Special		\$4,101,766	\$2,548,586	\$7,847,388	\$14,987,975
	BONDS		1,070,400	568,000	548,000	2,186,400
	MWRA II		1,019,200		960,000	1,979,200
	RATE		2,012,166	1,980,586	1,139,388	5,622,375
	SRF				5,200,000	5,200,000

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SUPPORT PROJECTS

Various Support Projects are included in the 2026-2028 CIP, which the Commission firmly believes will improve the overall efficiency of Commission's functions and enhance its ability to collect revenues and track information. Funds are also allocated for software licenses and upgrades, hardware and peripheral equipment, metering, and vehicles.

Primary Objectives of the 2026-2028 Support Category are as follows:

- Upgrade of Automatic Meter Reading System Data Base
- Replace HVAC System of Commission Headquarters
- Rooftop Upgrade Replacement
- Replacement of Commission Vehicles

Support Projects are divided into three sections. These sections are:

- Metering
- Information Technology
- Administrative Equipment

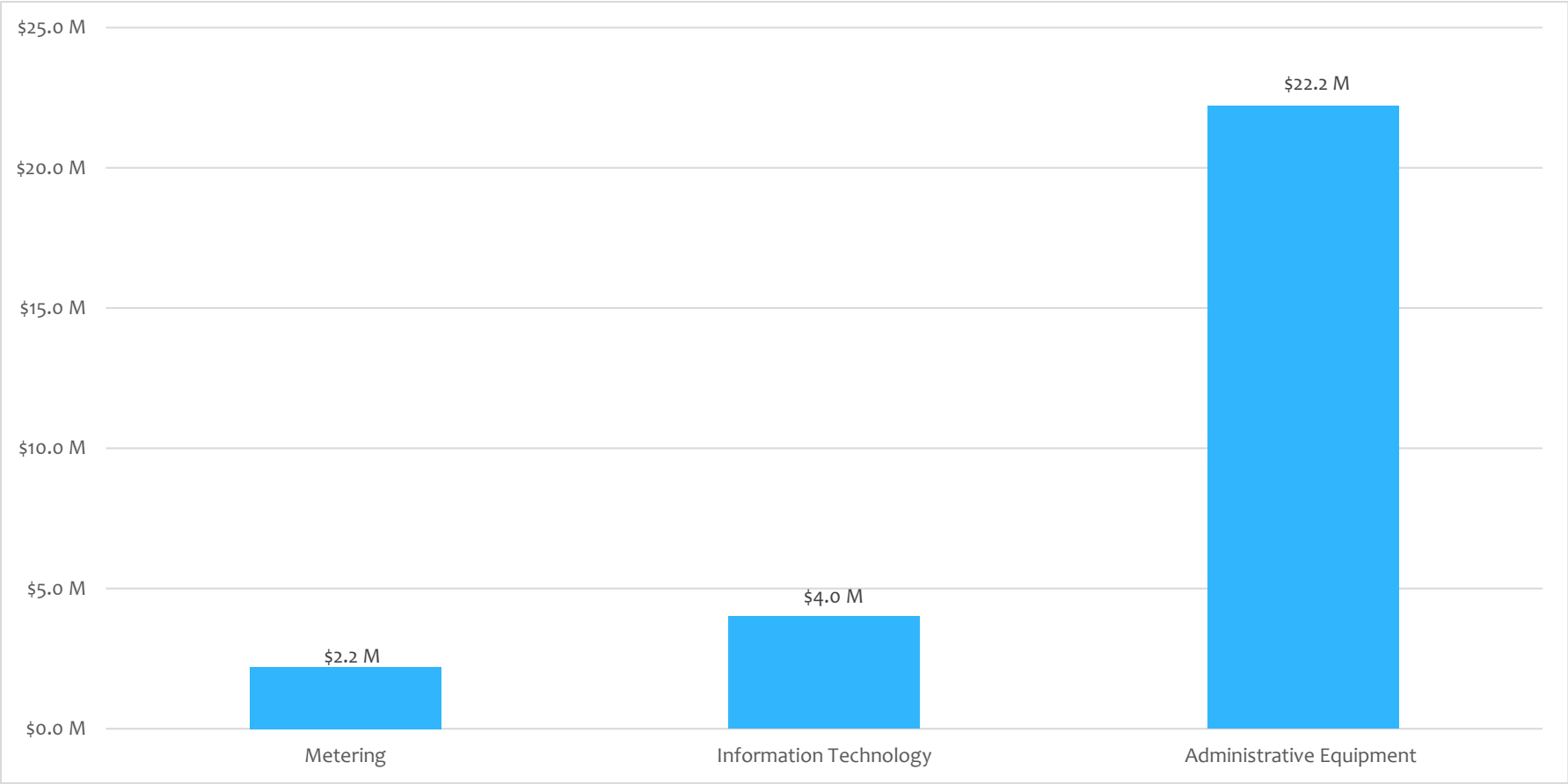
Table 16 on page 72 illustrates the Support Projects in the 2026-2028 Capital Improvement Program total \$59.0 million, of which \$28.4 million is allocated for 2026. Graph 13 on page 73 illustrates the Total Support expenditures for 2026-2028. Graph 14 on page 74 illustrates Support Distributions Spending by category for 2026.

Table 16 - Support Category

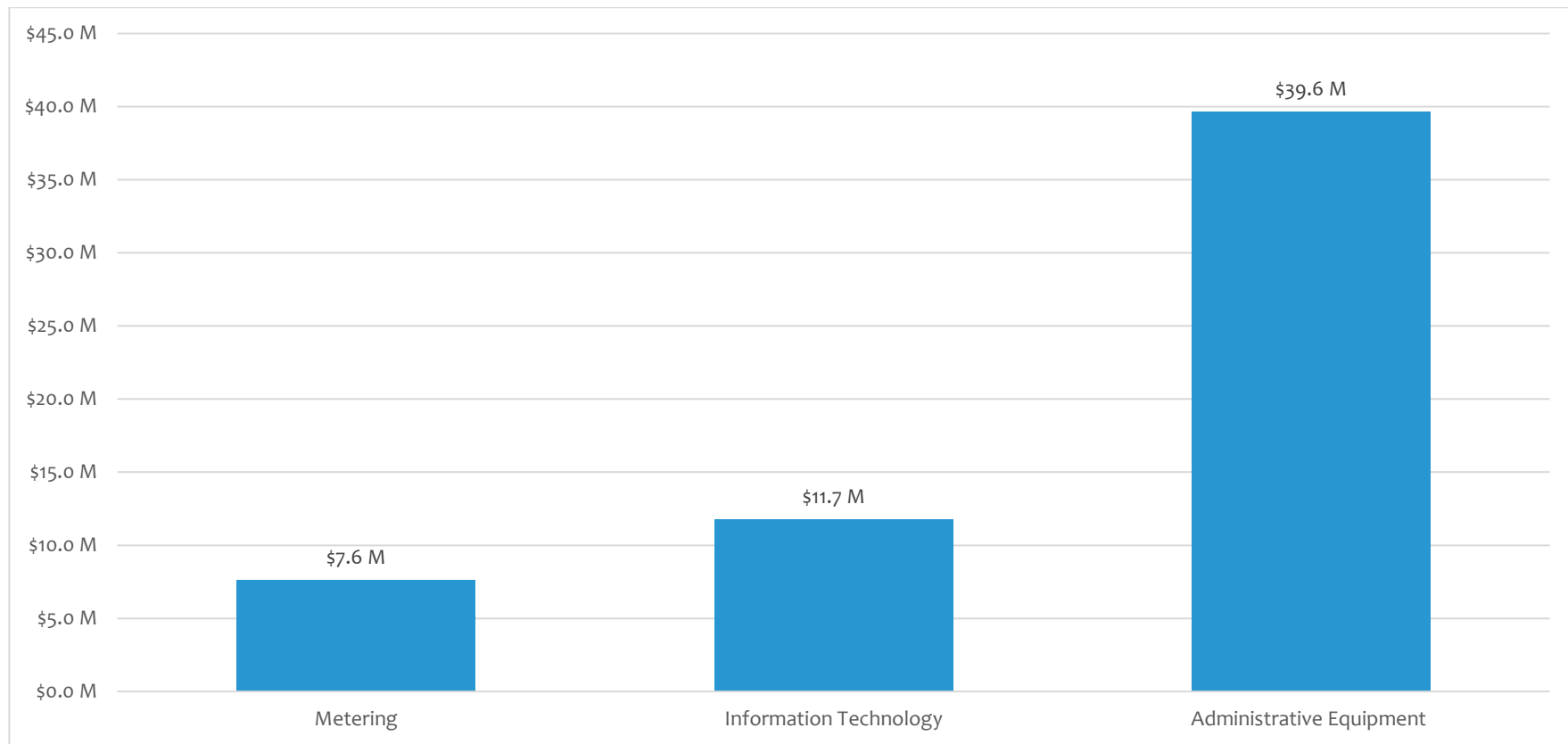
**Capital Improvement Program
2026 - 2028
Support Total**

	2026	2027	2028	Total 2026 - 2028
Metering	\$2,200,000	\$2,700,000	\$2,700,000	\$7,600,000
BWSC Bonds	2,200,000	2,700,000	2,700,000	7,600,000
Information Technology	\$4,000,000	\$3,850,000	\$3,900,000	\$11,750,000
BWSC Bonds	4,000,000	3,850,000	3,900,000	11,750,000
Administrative Equipment	\$22,214,015	\$8,901,101	\$8,525,287	\$39,640,403
BWSC Bonds	13,067,500	5,771,250	4,310,000	23,148,750
Rate Revenue	9,146,515	3,129,851	4,215,287	16,491,653
Total	\$28,414,015	\$15,451,101	\$15,125,287	\$58,990,403
BWSC Bonds	19,267,500	12,321,250	10,910,000	42,498,750
Rate Revenue	9,146,515	3,129,851	4,215,287	16,491,653
Total	\$28,414,015	\$15,451,101	\$15,125,287	\$58,990,403

GRAPH 13 -2026 TOTAL SUPPORT EXPENDITURES
\$28.4 MILLION



GRAPH 14 – 2026-2028 SUPPORT DISTRIBUTION SPENDING \$58.9 MILLION



METERING

DESCRIPTION AND JUSTIFICATION

The Meter Services Department maintains the efficient operation of approximately 91,000 water meters and associated automatic meter reading devices in the system thus insuring accurate registration of consumption. Metering programs include meter downsizing, which involves the replacement of large meters with smaller meters, where hydraulically feasible. On an annual basis, the Meter Services Department repairs, replaces, tests and installs water meters and automatic reading devices and maintains all field components of the Commission's Automatic Meter Reading system. All meters that are removed are tested on a fully equipped test bench, which was purchased in 2009. Meters 3" and larger are field tested, based on size, at intervals of: every year (6" to 10", every other year (4") and every three years (3"), in accordance with American Water Works Association standards. In addition, usage is evaluated utilizing the AMR system and recommendations are made to downsize identified meters to more accurately account for low flow.

PROJECTS

MTU and DCU Maintenance/Repair/Replacements and Upgrades: The MTU and DCU program is an on going project to replace or repair MTUs and DCUs. Under this contract, the commission continues with the next two phases of upgrading Aclara mobile programmers and analytics; and will pilot a new meter reading technology. This is projected to be awarded January 2026 and be completed in December 2028. The three-year budget is \$2,500,000.

Large Meter Work (Water): The Commission closely follows AWWA recommendations and tests all large meters in accordance with AWWA parameters. In the course of its large meters work, the Commission prioritizes the repair/replacement of any malfunctioning parts and/or replaces large meters, as necessary. Wherever feasible, the Commission downsizes large meters to improve accuracy of registration. The three- year budget for this project is \$1,800,000.

Residential Metering (Water): The residential metering program is an ongoing project to replace approximately 4,000 residential meters sizes 5/8" through 2" annually. The three- year budget for this project is \$1,500,000.

Table 17 on page 76 illustrates cash flow for Metering projects for 2026-2028 CIP totals \$7.6 million, of which \$2.2 million is allocated for 2026.

PROJECT CASH FLOW

Table 17 - Metering Category

Description	Class	2026	2027	2028	2026-2028
Residential Meters	BONDS	\$ 900,000	\$ 900,000	\$ 900,000	\$ 2,700,000
Large Meters	BONDS	\$ 800,000	\$ 800,000	\$ 800,000	\$ 2,400,000
AMR System	BONDS	\$ 500,000	\$ 1,000,000	\$ 1,000,000	\$ 2,500,000

	2027	2028	2028	Total 2026 - 2028
Metering	\$2,200,000	\$2,700,000	\$2,700,000	\$7,600,000
BWSC Bonds	2,200,000	2,700,000	2,700,000	7,600,000

INFORMATION TECHNOLOGY

Effective use of the right technologies enables BWSC to provide more efficient and high-quality water and sewer services to the City of Boston. Strategic planning, careful selection of technological tools, and effective use of such tools has enabled BWSC to continue to improve the level of service associated with emergency responses, preventative maintenance, infrastructure improvements, and most importantly, quality customer service. Providing staff with appropriate training and utilizing the right mix of hardware and software is something BWSC continues to assess and act upon as new technologies continue to evolve.

A number of mission critical software applications are utilized to support BWSC's daily operations and provide for emergency response services 24 hours a day, 7 days a week. BWSC is actively upgrading and replacing various systems. The following are projects that have been completed to date and projects projected to be completed during the next several years.

- Implement new Project Management Information System
- Move Customer Information System to the Cloud
- Implement new Geographic Information System Viewing Application
- Upgrade Virtualization Hardware

Cybersecurity: BWSC adheres to the NIST (National Institute of Standards and Technology) Cybersecurity Framework (the "NIST Framework"). As the Cybersecurity landscape evolves so does the NIST Framework. The only way to accelerate detection and response to sophisticated threats is to understand the behavior of all individual components of an attack across your organization. BWSC has selected security products from different vendors which integrate to offer an overlapping layered approach to security with multiple levels of protection. In the event of a breach BWSC has multiple levels of backups in place to mitigate data loss. Most of the deployed security products are now cloud based and rely on analysis of datasets to identify threats based on patterns. These products also include remote monitoring and response. BWSC has deployed security products to cover each functional level of the NIST Framework: Identify, Protect, Detect, Respond and Recover. BWSC has recently completed a cybersecurity assessment, which is compliant with the AWIA Cybersecurity and Resilience assessment requirement.

PROJECTS

Server / Network Hardware & Peripheral Equipment: New Server/Network Hardware is used to upgrade and add to the Commission's Computing Infrastructure, which provides sufficient capacity and performance to support computing activities including: billing, HRIS, payroll, financials, work order system and GIS. The total three-year budget for this project is \$1,450,000. Hardware and upgrades consist of the following:

- Backup disk/tape
- Communications/Networking
- Server Upgrades
- Disaster Recovery Hardware
- Replace/Upgrade PC's
- Tablets/Ipads/Phones
- Laptops
- Peripherals (cables, adapters, cases etc.)

Server/Network Software Licenses and Upgrades: Funding is included for software upgrades and additions to the Commission's Computer Infrastructure. Software and related upgrades to support Commission computing activities include: Billing, HRIS, Payroll, Financials, Work Order system, GIS, Document Management and Construction Management System. The total three-year budget for this project is \$8,210,000. Software and upgrades consist of the following:

- Workorder Mgt. System (Cityworks)
- CIS
- Database Software
- Application Development Tools
- Construction Management Software
- Website
- GIS Software/Upgrade
- Management Dashboard
- Information Security
- Disaster Recovery Software & Services
- AutoCAD & Design Software/upgrades
- Peoplesoft Upgrade

PROJECT CASH FLOW

Table 18 on page 79 illustrates cash flow expenditures for IT projects for 2026-2028. Total three-year expenditure is \$11.8 million, of which \$4.0 million is allocated for 2026.

Table 18 - Information Technology Category

Hardware	BONDS	\$ 1,100,000	\$ 850,000	\$ 800,000	\$ 2,750,000
Software	BONDS	\$ 2,900,000	\$ 3,000,000	\$ 3,100,000	\$ 9,000,000

	2026	2027	2028	Total 2026 - 2028
Information Technology	\$4,000,000	\$3,850,000	\$3,900,000	\$11,750,000
BWSC Bonds	4,000,000	3,850,000	3,900,000	11,750,000

ADMINISTRATIVE EQUIPMENT

DESCRIPTION AND JUSTIFICATION

The projects contained in the administrative equipment category provide funding for improvements to administrative facilities and equipment. The Fleet department manages and coordinates all activities required for the efficient operation and maintenance of the Commission's fleet of vehicles including heavy equipment. To minimize fleet total cost of ownership (operating and capital cost) and ensure the ability to provide required customer services using reliable transportation and equipment, vehicles should be replaced at regular intervals, derived from optimal replacement cycle analyses. Vehicle replacement cycles provide the basis for long-term replacement plans for year-to-year replacement earmarking and budgeting. A recent study of the Commission's fleet by a professional management consulting firm has determined that optimum replacement cycles for all classes of vehicles range from 7 to 12 years with a weighted average replacement cycle of 8.8 years for all vehicles.

PROJECTS

Garage Floor Repairs - 25-201-006: Garage Floor Repairs at BWSC Headquarters. Construction commenced in October 2025 and is scheduled to be completed in April 2026. The total three-year budget is \$5,592,693.

Phase II of the Replacement of the Internal HVAC System at BWSC Headquarters - 25-201-004: Completion of repairs and replacement of internal HVAC system components. Construction commenced in September 2025 and is scheduled to be completed in October 2026. The total three-year budget is \$8,398,960.

Replacement of 3rd Floor Carpet Tiles and Stairwell Treads - 25-201-003: The carpet tiles on the 3rd Floor are aged and in need of replacement. This will be performed in conjunction with the Roof Replacement Project. The stairwell treads are original to the building and will be replaced at the conclusion of the RRP. Construction is scheduled to be completed in October 2027. The total three-year budget is \$550,000.

New Solar Array - 25-201-001: Construction of a New Solar Array on Parking Garage at BWSC Headquarters. Construction commences in October 2025 and is scheduled to be completed in June 2026. The total three-year budget is \$1,730,000.

House Doctor Services - 24-201-001B: House Doctors provide specialized architectural and engineering design services and reviews of Commission-related projects and initiatives. The total three-year budget is \$1,500,000.

Roof HVAC - 23-201-007: Replacement of Roof and HVAC. Construction commenced in October 2024 and is scheduled to be completed in May 2026. The total three-year budget is \$3,113,750.

Fuel Pump Roof Replacement: The Commission's fuel pumps are located in the laydown yard of 980 Harrison Avenue. The area is protected by a roof which also hosts the fire suppression equipment. This structure is original to the building with signs of natural wear and tear from age and outside elements. This project will fund the replacement of the existing roof. Construction is scheduled to commence in July 2026 be completed in September 2026. The total three-year budget is \$1,000,000.

Installation of Fire Suppression 2nd Floor Garage: The addition of electrical vehicles and charging stations to the Commission's fleet requires the modernization of the existing fire suppression system. Construction is scheduled to commence in August 2026 be completed in November 2026. The total three-year budget is \$950,000.

Owner's Project Manager (OPM) Services: OPM services are required for municipal construction projects exceeding \$1,500,000. Design commenced in April 2025 and is scheduled to be completed in September 2028. The total three-year budget is \$1,500,000.

Electrical Upgrades: Some of the Commission's existing electrical infrastructure is aged and in need of upgrading to modern standards and capabilities to provide optimum performance. Construction is scheduled to commence June 2026 and be completed by December 2028. The total three-year budget is \$200,000.

Replacement of Ceiling Tiles at 980 Harrison Avenue: The overhead ceiling tiles at 980 Harrison Avenue are original to the building and have exceeded their useful life span. This project will commence on the 3rd Floor with the Roof Replacement Project with other floors to follow in 2026 and 2027. The total three-year budget is \$145,000.

Commission Shuttle Van: The Commission operates a passenger shuttle van for employees utilizing public transportation to Ruggles Station. The passenger van, operated by Facilities, operates at the beginning and end of the traditional workday. The proposed van offers additional seating and a hydraulic wheelchair lift. The total three-year budget is \$160,000.

New Office Furniture and Moving and Storage in Association with Roof Replacement Project: The office furniture on the 3rd Floor is original to the building's online date of 2002 and is being removed and replaced as part of the Roof Replacement Project. Some exiting items will be temporarily stored and returned as the project progresses in phases. We are also budgeting \$650,000. for other furniture needs within the Commission during this time period. The total three-year budget is \$2,800,000.

Replacement of Fuel Tanks: The Commission's underground fuel tanks are original to the building's online date of 2002 and require replacement to ensure environmental standards. The total three-year budget is \$2,500,000.

Fleet Vehicle Maintenance and Replacement: The Commission's Fleet Department is required to ensure the operational needs of the organization are met. In order to guarantee continuous operations, upgrades to vehicles and equipment are required. Each year the department evaluates the fleet and determines vehicles that are in need of an upgrade. Additionally, the need for servicing equipment such as lifts also have a shelf life that will require upgrades. The total three-year budget is \$9,500,000.

PROJECT CASH FLOW

The 2026-2028 cash flow is presented in Table 19 on page 82. Total three-year expenditure for administrative equipment is \$39.6 million, of which \$22.2 million is allocated for 2026.

Table 19 - Administrative Equipment Category

Description	Contract	Class	2026	2027	2028	2026-2028
Garage Floor Repairs	25-201-006	RATE	\$ 5,592,693			\$ 5,592,693
Phase II of the Replacement of the Internal HVAC System at BWSC Headquarters	25-201-004	RATE	\$ 1,053,822	\$ 3,129,851	\$ 4,215,287	\$ 8,398,960
Replacement of 3rd Floor Carpet Tiles and Stairwell Treads	25-201-003	BONDS	\$ 400,000	\$ 150,000		\$ 550,000
New Solar Array	25-201-001	BONDS	\$ 783,750	\$ 946,250		\$ 1,730,000
House Doctor Services	24-201-001B	BONDS	\$ 500,000	\$ 500,000	\$ 500,000	\$ 1,500,000
Roof HVAC	23-201-007	BONDS	\$ 3,113,750			\$ 3,113,750
Fleet Vehicle Maintenance and Replacement		BONDS	\$ 3,500,000	\$ 3,000,000	\$ 3,000,000	\$ 9,500,000
New Office Furniture and Moving and Storage in Association with Roof Replacement Project		BONDS	\$ 2,000,000	\$ 550,000	\$ 250,000	\$ 2,800,000
Commission Shuttle Van		BONDS	\$ 160,000			\$ 160,000
Replacement of Ceiling Tiles at 980 Harrison Avenue		BONDS	\$ 90,000	\$ 55,000		\$ 145,000
Electrical Upgrades		BONDS	\$ 70,000	\$ 70,000	\$ 60,000	\$ 200,000
Owner's Project Manager (OPM) Services		BONDS	\$ 500,000	\$ 500,000	\$ 500,000	\$ 1,500,000
Installation of Fire Suppression 2nd Floor Garage		BONDS	\$ 950,000			\$ 950,000
Fuel Pump Roof Replacement		BONDS	\$ 1,000,000			\$ 1,000,000
Replacement of Fuel Tanks		RATE	\$ 2,500,000			\$ 2,500,000

	2026	2027	2028	Total 2026 - 2028
Administrative Equipment	\$22,214,015	\$ 8,901,101	\$ 8,525,287	\$ 39,640,403
BWSC Bonds	13,067,500	5,771,250	4,310,000	23,148,750
RATE	9,146,515	3,129,851	4,215,287	16,491,653

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STORMWATER/GREEN INFRASTRUCTURE/LOW IMPACT DEVELOPMENT PROJECTS

DESCRIPTION AND JUSTIFICATION

Funding is provided in the 2026-2028 CIP for the Commission's Stormwater Program. This program consists of studies of existing and new drainage infrastructure, best management practices and implementation of programs designed to improve water quality, the environment and manage stormwater resources.

The primary purpose of the Stormwater Program is to participate in the Boston Harbor pollution abatement projects, implement green infrastructure/low impact development to improve the water quality of discharges to the local receiving waters and promote public awareness of stormwater quality issues. The goal is also to study existing conditions and make recommendations for placement of new best management practices designed to promote improved water quality, ensure compliance with state and federal regulations, minimize flooding and manage stormwater throughout the City of Boston.

The Green Infrastructure/Low Impact Development ("GI/LID") category provides funding for ("GI/LID") projects as needed in collaboration with public improvements in the City of Boston.

The Commission was required by its Consent Decree with the U.S. EPA to develop a stormwater model to identify pollutant loadings (including phosphorus) from land areas that contribute stormwater runoff to the Commission's storm drain system. The Commission is under an obligation to meet the Phosphorus Total Maximum Daily Load ("TMDL") for the Lower Charles River Basin by reducing elevated levels of phosphorus discharged from its stormwater outfalls. In addition, the Commission prepared a Best Management Practice ("BMP") Recommendations Report in compliance with the terms of the Consent Decree, which was approved by EPA October 23, 2018. The BMP Recommendations Report provides a scheduled plan for implementation of structural BMPs, Green Infrastructure and Low Impact Development ("LID") to reduce pollutant loadings discharged to the twenty-seven sub-watersheds of the City of Boston.

The BMP Recommendations Report provides a plan for the Commission's whole stormwater collection system. According to the interim findings, the cost to implement this plan could be substantial. The purpose of this program is to make available funding to implement GI/LID projects (in collaboration with other city departments and/or private landowners) in the City of Boston as they become available. This program will further the Commission's goal of compliance with the Consent Decree.

As a result of the aforementioned Consent Decree, the commission began charging for stormwater on April 1, 2024. The stormwater charge is a charge to all parcels in the City of Boston with greater than 400 square feet of impervious (hard/impermeable) surface. The stormwater charge is charged based on Equivalent Residential Unit (ERU). Each ERU is equal to 2,164 square feet of impervious surface which represents the average amount of impervious area on one to six unit residential properties in the City of Boston. The rate per ERU will be \$8.98 per month. The stormwater charge implemented as follows: (1) Every one to six unit residential properties are charged only one ERU per month, (2) all other parcels are charged per ERU based on the amount of square feet of impervious area. The total amount of impervious area is divided by 2,164 and rounded to the next whole number to calculate the number of ERUs a parcel will be charged.

Stormwater is water from rain or other precipitation. Stormwater runoff is stormwater that does not soak into the ground. Stormwater flows off hard surfaces, like streets, parking lots, construction sites, and rooftops during heavy rainstorms and when the snow melts. The water then goes into BWSC's stormwater system. As stormwater flows over these hard surfaces, it collects trash, sediment, and pollutants like motor oil and fertilizer. Most of the City's storm drains take that water directly to our brooks and streams without treatment. The City of Boston lies within the Charles, Neponset, and Mystic River watersheds, which means that our city's streams ultimately drain into Boston Harbor. Managing stormwater helps prevent pollution in our waterways.

The Commission's separation projects involve the replacement of combined sanitary and storm sewers with two separate systems, one for sanitary sewage and one for stormwater. The purpose of the separation program is to reduce the frequency and volume of wet weather CSO discharges and ensure the continued compliance with state and federal permits. Combined systems will be separated where it is appropriate and cost effective to do so. Sewer separation work most often involves converting the combined sewer to a separate sanitary sewer and constructing a new storm drain.

Since 1996, the Commission has spent approximately \$300 million on sewer separation projects. Projects were designed with the intent of eliminating combined sewer overflow ("CSO") discharge, improving water quality in Boston Harbor and its tributaries and diverting stormwater from environmentally sensitive areas. The Commission's ability to remove extraneous flow from its sewers will result in a reduction in its metered wastewater flow and wholesale sewer charges. Thus far, these projects have reduced annual discharge of CSO by 124.3 million gallons.

In addition to addressing CSO concerns, the Commission is identifying sanitary sewage that is being discharge into the storm drain system. In 2024, the Commission eliminated illicit discharges at 8 locations, thereby eliminating the discharge of an estimated 1,945 gallons per day (gpd) of wastewater to the drainage system and receiving waters. Between 1986, when the Commission first began correcting illicit discharges, and the end of 2024, the Commission removed 1,955 illicit discharges, thereby eliminating the discharge of an estimated total of 877,137 gallons of wastewater per day to the storm drainage system and receiving waters.

The Commission regularly inspects, cleans, and maintains its catch basins citywide. Cleaning restores the effective capacity of catch basins, thereby allowing for greater solids removal from stormwater flows. Hoods and traps are replaced on catch basins as needed. The Commission's site plan review process has been upgraded and enhanced in recent years. The Commission now exercises greater control over non-stormwater discharges and ensures that construction sites and new development projects conform to its requirements, as well as state and federal requirements for stormwater management.

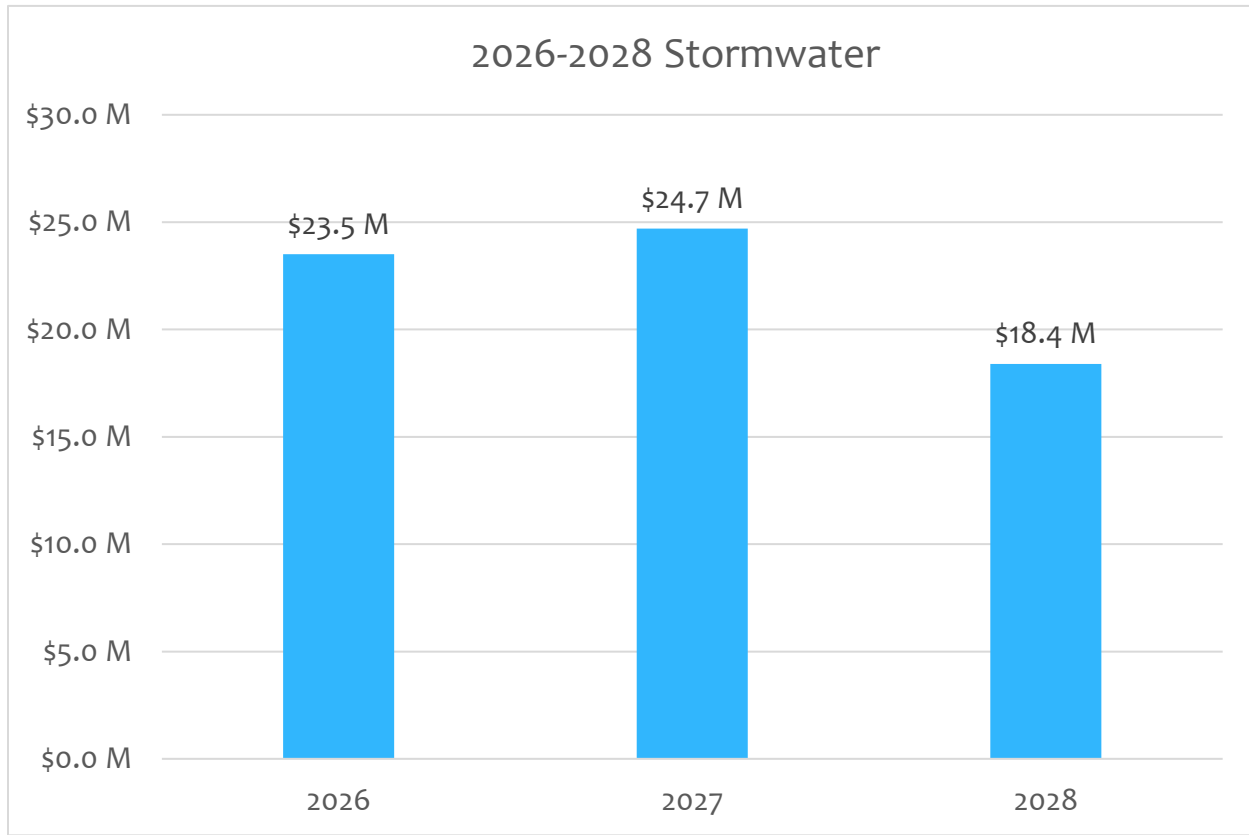
Table 20 on page 85 illustrates Stormwater by category. Three-year total expenditures are \$69.8 million, of which \$16.8 million is anticipated to be spent in 2026.

Table 20 - Stormwater

**Capital Improvement Program
2026 - 2028
Stormwater Total**

	2026	2027	2028	Total 2026 - 2028
Stormwater Total	\$16,789,464	\$22,506,684	\$30,532,690	\$69,828,839
BWSC Bonds	1,358,170	3,284,134	3,190,152	7,832,457
MWRA II	3,623,945	4,537,893	1,824,360	9,986,198
Rate Revenue	4,351,034	7,324,657	7,002,178	18,677,869
SRF	7,456,314	7,360,000	18,516,000	33,332,314
Total	\$16,789,464	\$22,506,684	\$30,532,690	\$69,828,839
BWSC Bonds	1,358,170	3,284,134	3,190,152	7,832,457
MWRA II	3,623,945	4,537,893	1,824,360	9,986,198
Rate Revenue	4,351,034	7,324,657	7,002,178	18,677,869
SRF	7,456,314	7,360,000	18,516,000	33,332,314
Total	\$16,789,464	\$22,506,684	\$30,532,690	\$69,828,839

Graph 15 - 2026-2028 Total Stormwater Expenditures \$69.8 Million



CLIMATE CHANGE PREPARATIONS

As the frequency and intensity of wet weather events continue to increase due to climate change, the potential for flooding during large storm events will also increase. Sea level rise will further exacerbate flooding issues as it will impede the ability of storm drains to discharge to the ocean during higher tides and storm surge. BWSC is coordinating and sharing data with various City of Boston departments, state agencies such as Mass DOT, MWRA and the MBTA, local communities such as Cambridge and Somerville, and organizations such as Boston Harbor Now and the Mystic River Collaborative to develop resilient solutions to prepare for impacts caused by climate change. BWSC is also collaborating with institutions such as the Woods Hole Research Center and UMASS Boston to incorporate their work on rising sea levels and coastal impacts into plans and projections for mitigating the impacts of climate change.

To address the issues associated with climate change BWSC has undertaken several projects:

Stormwater Detention Facilities: BWSC has completed a study to identify sites where stormwater runoff can be temporarily stored during large storm events. Storing stormwater at these locations will free up conveyance capacity in the storm drainage system and reduce the potential for flooding. The detained stormwater will be slowly released back to the storm drain system after storms have ended and capacity in the storm drain system is back to normal. The study included the preliminary design of the detention facilities that could be installed at these locations.

Coastal Stormwater Impact Analysis: Due to the expected higher sea levels and tides it is predicted that storm drain outfalls located along Boston's coast will be impeded in their ability to discharge. The Coastal Stormwater Discharge Analysis will identify where BWSC's coastal outfalls will be impacted, develop plans and strategies, evaluate the feasibility and costs of alternatives, and prepare conceptual plans for structural solutions to mitigate the impacts. Plans and strategies developed pursuant to the BWSC's Coastal Analysis will be consistent with the Mayor's Resilient Harbor Vision, which builds on the City's Climate Ready Boston analysis.

Stormwater Retention-Arnold Arboretum / Boston Nature Center: BWSC prepared conceptual designs for a large constructed wetland that could be installed at the Arnold Arboretum and a stormwater detention design for an area near the Boston Nature Center. The wetland will retain and treat stormwater, thereby maintaining the conveyance capacity of BWSC's storm drain system and reducing the potential for upstream and downstream flooding. An additional benefit of the wetland is that it will be designed to improve stormwater quality by reducing the City's stormwater phosphorus load to the Charles River. The Commission is working with agencies to determine what process could be taken to move these concepts to design.

Fort Point Channel Storage Feasibility: BWSC is evaluating the feasibility of having a flood control gate structure installed at the harbor end of the Fort Point Channel to mitigate the impacts of tidal surge and increased wet weather discharges from outfalls located within the channel. When a large storm event is anticipated the gate would be closed, and waters in the channel pumped out, thus providing storage capacity for the stormwater discharges from outfalls located within the Channel. After storms have passed stormwater detained in the storage basin would be pumped out and the gates reopened to allow for normal discharges and tidal flow. Preliminary analysis indicates that installation of a gate structure will prevent flooding in almost 10 percent of the City of Boston, including significant portions of the critical downtown, South End and seaport districts during a 10 year design event. To handle storms larger than this design storm, pumps within the dam structure would maintain levels within the channel until the higher tides recede.

Installation and Inspection of Tide Gates on Outfall Pipes: BWSC continues to install new tide gates on coastal storm drain outfall pipes where they will be needed in the future, but don't currently exist. The tide gates will prevent back-water flow resulting from higher tides and storm surge from entering BWSC's storm drain system and causing inundation of inland low-lying areas. New tide gates will be installed in storm drains outfalls located in the City Proper, East Boston, South Boston, Charlestown, and Dorchester.





PROJECTS

CCTV of Sewers and Storm Drains/CMOM - Future Contracts - 26-309-009, 26-309-010, 27-309-009, 27-309-010, 28-309-009, 28-309-010:

These projects entail the inspection of sewers and drains through the use of closed circuit TV cameras utilizing the SCREAM coding system in order to assess the structural condition of the pipes. Approximately ninety (90) miles annually of various sized pipes will be cleaned and inspected with a goal of completing the entire system over a 10 year period. These contracts complete 60 miles annually. The total three-year budget is \$1,800,000.

CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 3 - 26-309-005:

The intent of this project will be to rehab and replace water, sewer, and drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after the CIP is developed. The total three-year budget is \$74,290.

Engineering CCTV Contract - 26-309-004: Television inspection and cleaning of sewer and drain pipes in the City of Boston for streets where water main replacement or separation work is planned, and large conduits. The total three-year budget is \$186,666.

CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 2 - 26-309-003:

The intent of this project will be to rehab and replace water, sewer, and drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after the CIP is developed. The total three-year budget is \$74,290.

East Boston Sewer Separation Phase IV - Contract 3 - 26-309-002: Construction Contract No. 3 is one of five (5) planned contracts to construct new storm drains to separate approximately 230 acres between all five (5) contracts in East Boston to further mitigate CSOs and improve water quality. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community. The total three-year budget is \$1,440,000.

CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 1 - 26-309-001:

The intent of this project will be to rehab and replace water, sewer, and drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after the CIP is developed. The total three-year budget is \$74,290.

Inspection and Elimination of Inflow and Infiltration in the Groundwater Conservation Overlay District (GCOD) - 25-309-011: This project entails the inspection of sewers and drains through the use of closed circuit TV cameras utilizing the SCREAM coding system in order to assess for inflow and infiltration in sewer and drain lines citywide with a priority in the Back Bay/Beacon Hill neighborhood. This contract is scheduled to commence in November 2025 and be completed by November 2026. The total three-year budget is \$411,715.

Sewer and Stormwater Condition Monitoring Citywide - 25-309-010: These projects entail the inspection of sewers and drains through the use of closed-circuit TV cameras utilizing the SCREAM coding system in order to assess the structural condition of the pipes. Approximately ninety (90) miles annually of various sized pipes will be cleaned and inspected with a goal of completing the entire system over a 10 year period. These contracts complete 60 miles annually. The total three-year budget is \$145,992.

Sewer and Stormwater Condition Monitoring Citywide - 25-309-009: These projects entail the inspection of sewers and drains through the use of closed-circuit TV cameras utilizing the SCREAM coding system in order to assess the structural condition of the pipes. Approximately ninety (90) miles annually of various sized pipes will be cleaned and inspected with a goal of completing the entire system over a 10 year period. These contracts complete 60 miles annually. The total three-year budget is \$157,987.

Tidegates, Citywide - 25-309-006: Replacement of existing tide gates, the Design Department is worked with the Planning and Operations department to identify outfalls which may not be protected from extreme tides to prevent street flooding from surcharged drainage systems. The total three-year budget is \$6,080,000.

Sewer and Drain Replacement and Rehabilitation for North End - 25-309-003: The intent of this project will be to rehab and replace water/sewers/drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the the Chief Engineer and OPS during year after CIP is developed. The total three-year budget is \$74,290.

Sewer and Drain Replacement and Rehabilitation in Allston/Brighton - 25-309-002: The intent of this project will be to rehab and replace water/sewers/drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the Chief Engineer and OPS during year after CIP is developed. The total three-year budget is \$415,150.

Sewer Lateral Testing and CCTV Inspection of Sewers and Drains – 24-309-015: The new lateral testing contract will enable the Commission to continue testing sewer laterals for leakage and continue televising sewers and drains to identify illicit sanitary connections to the storm drain and structural deficiencies.

South Boston Sewer Separation - Contract 5 - 24-309-012: Construction Contract No. 5 is one of five (5) planned contracts to construct new storm drains to separate approximately 400 acres in South Boston along the Dorchester Avenue Corridor. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community and to support the BPDA's initiative to foster future development along Dorchester Avenue. The total three-year budget is \$3,247,200.

Charlestown Sewer Separation - 24-309-006: Sewer Separation and water and sewer pipe replacement in Charlestown in the area known as Lost Village. Sewer separation to reduce CSO volumes. Replacement and rehabilitation of old or damaged water and sewer pipes. The total three-year budget is \$3,501,760.

Replacement and Rehabilitation of Water, Sewer and Drain Pipes in Roxbury and Jamaica Plain - 24-309-003: The replacement and rehabilitation of water, sewer and drain pipes in Roxbury and Jamaica Plain. This project involves the rehabilitation and replacement of sewers/drains where SSOs and other issues have occurred in order to mitigate future overflows. Additionally, water pipes on associated streets will be replaced. The total three-year budget is \$1,096,268.

Water, Sewer and Drain Replacement and Rehabilitation Citywide on an as needed basis - 24-309-002: Water, Sewer and Drain Replacement and Rehabilitation Citywide on an as needed basis. The intent of this project will be to rehab and replace water/sewers/drains where SSOs and other issues have occurred in order to mitigate future issues. This will be on an as needed basis due to receiving emergency design requests from the the Chief Engineer and OPS during year after CIP is developed. The total three-year budget is \$514,800.

Citywide R&R - 24-309-001: The intent of this project will be to rehab and replace sewers/drains where SSOs and other issues have occurred in order to mitigate future overflows. The total three-year budget is \$2,400,000.

Sewage Works Improvements in Mattapan - 24-308-014: The replacement and rehabilitation of water, sewer and drain pipes in Mattapan. The total three-year budget is \$80,000.

Water Relay Back Bay/ East Boston - 24-308-003: Associated replacement of sanitary sewer, storm drain and combined sewer pipes. The total three-year budget is \$104,000.

Water Relay Tremont Street - 24-308-001: Associated replacement of sanitary sewer, storm drain and combined sewer pipes and HPFS replacement. The total three-year budget is \$46,740.

Sewer Drain Sensor Deployment Phase 2 - 24-206-005: The purpose of this project is to continue the real-time sewer and drain level monitoring program currently deployed in Commission's system. The monitoring program tracks water levels in 75 sewer and drain pipes across the city and displays the data on a web-based dashboard. The dashboard and data is used to inform operation and planning objectives. This project will expand the number of sensors deployed in the sewer and drain system from 75 to 125. The total three-year budget is \$581,961.

South Boston Sewer Separation - Contract 4 - 23-309-012: Construction Contract No. 4 is one of five (5) planned contracts to construct new storm drains to separate approximately 400 acres in South Boston along the Dorchester Avenue Corridor. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community and to support the BPDA's initiative to foster future development along Dorchester Avenue. The total three-year budget is \$12,828,800.

R & R of Sewer and Drain in Fenway - 23-309-011: Replacement and rehabilitation of sanitary sewer and drain pipes. The pipes in this contract have been inspected and reviewed and are found to be in poor condition. Associated water work. The total three-year budget is \$1,351,296.

Drain Pipe Replacement in Dot Mattapan and Roxbury - 23-309-005: Sewer and Drain Replacement and Rehabilitation in Dorchester, Mattapan and Roxbury. The intent of this project will be to rehab and replace sewers/drains where SSOs and other issues have occurred in order to mitigate future overflows. The total three-year budget is \$285,362.

Citywide R&R - 23-309-003: Sewer and Drain Replacement and Rehabilitation Citywide. The total three-year budget is \$902,400.

East Boston Sewer Separation Phase IV - Contract 2 - 23-309-002: Construction Contract No. 2 is one of five (5) planned contracts to construct new storm drains to separate approximately 230 acres in East Boston to further mitigate CSOs and improve water quality. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community. The total three-year budget is \$8,800,000.

Sewage Works Improvements in Allston-Brighton- 23-309-001: Relay of water mains and associated sewerage works in Allston-Brighton. The total three-year budget is \$242,400

South Boston Sewer Separation - Contract 3 - 22-309-012: Construction Contract No. 3 is one of five (5) planned contracts to construct new storm drains to separate approximately 400 acres in South Boston along the Dorchester Avenue Corridor. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community and to support the BPDA's initiative to foster future development along Dorchester Avenue. The total three-year budget is \$3,601,075.

Upper Roxbury R&R - 22-309-003: Replacement of sanitary sewer, storm drain and combined sewer pipes. The total three-year budget is \$3,310,344.

Replacement of Sewer and Drains Citywide, R&R - 22-309-002: The intent of this project will be to rehab and replace sewers/drains where SSOs have occurred in order to mitigate future overflows. The total three-year budget is \$1,116,200.

Rehabilitation and Replacement of Water, Sewer, and Drain Pipes in West Roxbury and Roslindale - 22-308-003: Replacement of water mains and associated sewers and drains in West Roxbury. Replacement of CICAL or DI mains that have break history. Repair sewer and storm drain mains in the area with major structural damage. The total three-year budget is \$12,386.

Sewer Drain Model Update - 22-206-011: The purpose of this project is to update and recalibrate the Commission's Sewer and Drain model. The model has not been updated and calibrated since 2016. Utilizing models that are up to date and are representative of the Commission's infrastructure is critical to long term planning goals and to meet regulatory milestones. The total three-year budget is \$215,239.

East Boston Sewer Separation Phase IV - Contract 1 - 21-309-002: Construction Contract No. 1 is one of five (5) planned contracts to construct new storm drains to separate approximately 230 acres in East Boston to further mitigate CSOs and improve water quality. The project also includes upgrades of the sanitary sewer and water main systems to continue providing the highest level of service to the community. The total three-year budget is \$3,200,000.

Sewer & Storm Drain Improvements in Hyde Park. Sewer R&R with associated water relay - 21-309-001: Sewer and Storm Drain Improvements in Hyde Park based on the findings of the CMOM group which identified sewer and drain defects in this area. The contract also includes associated water relay for pipes within project limits. The total three-year budget is \$640,000

Sewer Replacement/Rehabilitation based on findings of the CMOM group, some Water Main Replacement - 20-309-006: Sewer Replacement/Rehabilitation based on findings of the CMOM group, some water main replacement. The total three-year budget is \$1,407,600.

South End Water Improvements Phase III - 20-308-002: Water Relay for 6,330 feet of 12- and 16-inch water mains on Shawmut Avenue, Waltham, Hanson and Bond Street in the South End. As part of the design work, associated sewers and drains found in disrepair will be structurally rehabilitated or replaced if found damaged beyond rehabilitation. At this time, the project also includes the lining of 1,600 linear feet of 10" thru 24" sewer pipe and the rehabilitation of 590 linear feet of 15" and 18" drainpipe. The total three-year budget is \$189,400.

Installation of New Tide Gates in Central, Charlestown, East Boston and South Boston - 19-309-001: This contract identified the need for and provided design for the installation of four tide gates on drainage systems of various sizes in City Proper, Charlestown, East Boston and South Boston (Seaport). The Design Department is worked with the Planning and Operations department to identify outfalls which may not be protected from extreme tides to prevent street flooding from surcharged drainage systems. The total three-year budget is \$209,373.

Water Relay Beacon Hill - 19-308-004: Associated replacement of sanitary sewer, storm drain and combined sewer pipes.. The total three-year budget is \$368,352.

Water Replacement and Rehabilitation w/associated Sewer and Drain R&R - 19-308-002: Associated replacement of sanitary sewer, storm drain and combined sewer pipes. The total three-year budget is \$2,452,737.

Citywide R&R - 18-309-003: Replacement and rehabilitation of sewers and drains. The total three-year budget is \$1,472,200.

Replacement of Water Mains Replacement in Fenway/Kenmore - 18-309-001: Replacement of Water Mains on Jersey Street, Peterborough Street, and Public Alley 931. Construction commenced in October 2023. The total three-year budget is \$124,273.

On-Call Green Infrastructure Design Services: Professional services contract for the design of green infrastructure / stormwater management structures citywide. The total three-year budget is \$600,000.

Austin St. Pump Station: Upgrades/replacement of mechanical components/equipment. The total three-year budget is \$72,000.

Commonwealth Ave. Pump Station: Upgrades/replacement of mechanical components/equipment. The total three-year budget is \$80,000

Supply of Fire Hydrants: The total three-year budget is \$440,000.

Willow Pond Road Stormwater Treatment Vault: The total three-year budget is \$800,000

Charlestown Sewer and Drain Replacement and Rehabilitation: Associated replacement of sanitary sewer, storm drain and combined sewer pipes. The total three-year budget is \$2,600,000.

PROJECT CASH FLOW

Table 21 on page 99 illustrates Stormwater by Category. Three-year total expenditures are \$69.8 million, of which \$16.8 million is anticipated to be spent in 2026.

Table 21 – Stormwater/GI/LID PROJECTS

Description	Contract	Class	2026	2027	2028	2026-2028
CCTV of Sewers and Storm Drains/CMOM - Future Contracts	26-309-009	MWRA II	\$ 360,000	\$ 720,000	\$ 720,000	\$ 1,800,000
CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 3	26-309-005	RATE	\$ -	\$ -	\$ 74,290	\$ 74,290
Engineering CCTV Contract	26-309-004	RATE	\$ -	\$ -	\$ 186,666	\$ 186,666
CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 2	26-309-003	RATE	\$ -	\$ -	\$ 74,290	\$ 74,290
East Boston Sewer Separation Phase IV - Contract 3	26-309-002	SRF	\$ -	\$ -	\$ 1,440,000	\$ 1,440,000
CMOM Sewer and Drain High Priority Replacement and Rehabilitation Citywide Contract 1	26-309-001	RATE	\$ -	\$ -	\$ 74,290	\$ 74,290
Inflow and Infiltration Discovery	25-309-011	MWRA II	\$ 411,715	\$ -	\$ -	\$ 411,715
Sewer and Stormwater Condition Monitoring Citywide	25-309-010	MWRA II	\$ 145,992	\$ -	\$ -	\$ 145,992
Sewer and Stormwater Condition Monitoring Citywide	25-309-009	MWRA II	\$ 157,987	\$ -	\$ -	\$ 157,987
Tidegates, Citywide	25-309-006	RATE	\$ -	\$ 2,515,200	\$ 3,564,800	\$ 6,080,000
Sewer and Drain Replacement and Rehabilitation for North End	25-309-003	RATE	\$ -	\$ -	\$ 74,290	\$ 74,290
Sewer and Drain Replacement and Rehabilitation in Allston/Brighton	25-309-002	RATE	\$ -	\$ 74,290	\$ 340,860	\$ 415,150
South Boston Sewer Separation - Contract 5	24-309-012	SRF	\$ -	\$ -	\$ 3,247,200	\$ 3,247,200
Charlestown Sewer Separation	24-309-006	MWRA II	\$ 590,950	\$ 1,900,810	\$ 1,010,000	\$ 3,501,760
Replacement and Rehabilitation of Water, Sewer and Drain Pipes in Roxbury and Jamaica Plain	24-309-003	RATE	\$ -	\$ 400,000	\$ 696,268	\$ 1,096,268
Water, Sewer and Drain Replacement and Rehabilitation Citywide on an as needed basis	24-309-002	RATE	\$ -	\$ 308,880	\$ 205,920	\$ 514,800
Citywide R&R	24-309-001	RATE	\$ 360,000	\$ 1,060,000	\$ 980,000	\$ 2,400,000
Sewage Works Improvements in Mattapan	24-308-014	MWRA II	\$ 51,429	\$ 28,571	\$ -	\$ 80,000
Water Relay Back Bay/ East Boston	24-308-003	RATE	\$ 52,000	\$ 52,000	\$ -	\$ 104,000
Water Relay Tremont Street	24-308-001	BONDS	\$ 46,740	\$ -	\$ -	\$ 46,740
Sewer Drain Sensor Deployment Phase 2	24-206-005	BONDS	\$ 269,590	\$ 185,526	\$ 126,844	\$ 581,961
South Boston Sewer Separation - Contract 4	23-309-012	SRF	\$ 600,000	\$ 2,400,000	\$ 9,828,800	\$ 12,828,800
R & R of Sewer and Drain in Fenway	23-309-011	BONDS	\$ -	\$ 300,288	\$ 1,051,008	\$ 1,351,296
Drain Pipe Replacement in Dot Mattapan and Roxbury	23-309-005	RATE	\$ 285,362	\$ -	\$ -	\$ 285,362
Citywide R&R	23-309-003	BONDS	\$ 180,480	\$ 360,960	\$ 360,960	\$ 902,400
East Boston Sewer Separation Phase IV - Contract 2	23-309-002	SRF	\$ 800,000	\$ 4,000,000	\$ 4,000,000	\$ 8,800,000
Sewage Works Improvements	23-309-001	MWRA II	\$ 121,200	\$ 121,200	\$ -	\$ 242,400
South Boston Sewer Separation - Contract 3	22-309-012	SRF	\$ 3,601,075	\$ -	\$ -	\$ 3,601,075
Upper Roxbury R&R	22-309-003	MWRA II	\$ 1,655,172	\$ 1,655,172	\$ -	\$ 3,310,344
Replacement of Sewer and Drains Citywide, R&R	22-309-002	MWRA II	\$ 129,500	\$ 55,500	\$ -	\$ 185,000
Replacement of Sewer and Drains Citywide, R&R	22-309-002	RATE	\$ 651,840	\$ 279,360	\$ -	\$ 931,200
REHABILITATION AND REPLACEMENT OF WATER, SEWER, AND DRAIN PIPES IN WEST ROXBURY AND ROSLINDALE	22-308-003	RATE	\$ 12,386	\$ -	\$ -	\$ 12,386
Sewer Drain Model Update	22-206-011	SRF	\$ 215,239	\$ -	\$ -	\$ 215,239
East Boston Sewer Separation Phase IV - Contract 1	21-309-002	SRF	\$ 2,240,000	\$ 960,000	\$ -	\$ 3,200,000
Sewer & Storm Drain Improvements in Hyde Park. Sewer R&R with associated water relay.	21-309-001	RATE	\$ 320,000	\$ 320,000	\$ -	\$ 640,000
Sewer Replacement/Rehabilitation based on findings of the CMOM group, some Water Main Replacement	20-309-006	RATE	\$ 351,900	\$ 844,560	\$ 211,140	\$ 1,407,600
South End Water Improvements Phase III	20-308-002	MWRA II	\$ -	\$ 56,640	\$ 94,360	\$ 151,000
South End Water Improvements Phase III	20-308-002	RATE	\$ -	\$ 14,400	\$ 24,000	\$ 38,400
Installation of New Tide Gates in Central, Charlestown, East Boston and South Boston	19-309-001	RATE	\$ 209,373	\$ -	\$ -	\$ 209,373
Water Relay Beacon Hill - Addendum 3	19-308-004	RATE	\$ 368,352	\$ -	\$ -	\$ 368,352
Water Replacement and Rehabilitation w/associated Sewer and Drain R&R	19-308-002	BONDS	\$ 461,360	\$ 461,360	\$ 475,340	\$ 1,398,060
Water Replacement and Rehabilitation w/associated Sewer and Drain R&R	19-308-002	RATE	\$ 348,043	\$ 348,043	\$ 358,590	\$ 1,054,677
Citywide R&R	18-309-003	RATE	\$ 560,838	\$ 841,257	\$ 70,105	\$ 1,472,200
Replacement of Water Mains Replacement in Fenway/Kenmore	18-309-001	RATE	\$ 124,273	\$ -	\$ -	\$ 124,273
Charlestown Sewer and Drain Replacement and Rehabilitation		BONDS	\$ 320,000	\$ 1,140,000	\$ 1,140,000	\$ 2,600,000
Willow Pond Road Stormwater Treatment Vault		BONDS	\$ -	\$ 800,000	\$ -	\$ 800,000
Commonwealth Ave. Pump Station		BONDS	\$ 40,000	\$ 20,000	\$ 20,000	\$ 80,000
Austin St. Pump Station		BONDS	\$ 40,000	\$ 16,000	\$ 16,000	\$ 72,000
Supply of Fire Hydrants		RATE	\$ 440,000	\$ -	\$ -	\$ 440,000
On-Call Green Infrastructure Design Services		RATE	\$ 266,666	\$ 266,666	\$ 66,667	\$ 600,000
			2026	2027	2028	Total 2026 - 2028

Stormwater	2026	2027	2028	Total 2026 - 2028
Stormwater	\$16,789,464	\$22,506,684	\$30,532,690	\$ 69,828,839
BONDS	1,358,170	3,284,134	3,190,152	7,832,457
MWRA II	3,623,945	4,537,893	1,824,360	9,986,198
RATE	4,351,034	7,324,657	7,002,178	18,677,869
SRF	7,456,314	7,360,000	18,516,000	33,332,314

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APPENDIX A - GLOSSARY

ARB: A trademark for Schlumberger remote meter reader interfaces. See also R.M.I.

Board of Commissioners: The three-member governing board of the Commission.

Bond: A written promise to pay a specific sum of money (called the face value or principal amount) at a specific date or dates in the future (called the maturity dates), together with periodic interest at a specific or variable rate.

Bond Resolution: A document that contains terms and conditions relating to the issuance and sale of bonds and sets forth the obligations to bondholders.

BWSC: The Boston Water and Sewer Commission.

Capital Improvement Program (CIP): A plan which identifies and estimates the nature, schedule, cost, priority, and financing of long-term assets that the Commission intends to build or acquire during a specific period.

Cleaning and Lining: A process to improve unlined but structurally sound, older cast iron mains. The mains are cleaned and lined with cement (while still in place) to improve hydraulic capacity and extend useful life.

Collection System: The pipes, conduits, pumping stations and appurtenances involved in the collection and transport of wastewater and storm-water.

Combined Sewer: A sewer designed to receive both sanitary sewage and storm-water runoff.

CSO (Combined Sewer Overflow): The discharge from combined sewers which collect both sanitary sewage and storm-water runoff for wastewater treatment under normal (dry) weather conditions. During rainstorms, the system becomes overloaded and the excess is discharged directly into neighboring waterways from CSO outlets. In the City of Boston area there are 37 permitted combined sewer overflow outlets.

Current Expense Budget (CEB): A financial plan which estimates the revenues and expenses associated with the Commission's operations for a fiscal year.

Debt Service: In a given fiscal year, the amount of money necessary to pay interest and principal on outstanding debt instruments.

DEP (Department of Environment Protection): The Massachusetts agency that regulates water pollution control, water supplies, drinking water quality and waterways and certifies projects for eligibility under the Water Pollution Abatement Trust Loan programs.

Department: A sub-unit of a division.

Division: A major organizational unit within the Commission, encompassing the activities and resources for providing a major service or function.

Drain: A pipe or conduit which conveys storm-water.

Enabling Act: Chapter 436 of the Acts of the Commonwealth of Massachusetts of 1977, the legislation which established the BWSC and defined its purpose and responsibilities as of August 5, 1977.

EPA (Environmental Protection Agency): The federal government agency responsible for environmental enforcement and investigation. The EPA enforces the provisions of the Safe Drinking Water Act and the Clean Water Act.

Expenditures: Actual payment within a specified period for goods and services received.

Fiscal Year: The 12-month financial period used by the Commission which begins January 1 and ends December 31 of the same calendar year.

General Revenue Bonds: Bonds which are general obligations of the issuer where the full faith and credit of the issuer is pledged to the payment of the principal and interest thereon utilizing the revenue to be generated through the sale of a particular commodity, service or toll.

Hydrant: A device connected to a public water main for the purpose of providing water for firefighting or other authorized purposes.

Illegal Connection: A sanitary sewer service which is connected to a storm drain system, thus contributing sewerage.

Infiltration/Inflow: Extraneous sources of water that enter the sanitary system and are transported unnecessarily to the treatment facility. Infiltration is groundwater that leaks into the sanitary sewerage system through pipe joints and defects. Inflow refers to water that enters sewers from improperly connected catch basins, sump pumps, downspouts, basement drains and defective manholes. Inflow also enters through defective harbor CSO tide-gates when the tide is high.

Interceptors: The large pipes or culverts that convey wastewater from the localized collection system to the treatment plant.

Meter: An instrument for measuring the flow of water.

Meter Pit: An underground vault enclosing a meter.

MWRA (Massachusetts Water Resources Authority): An agency created by the Massachusetts Legislature through the passage of Chapter 372 of the Acts of 1984, responsible for providing wholesale potable water and wastewater collection, transport, delivery and treatment services to user Communities in Eastern Massachusetts. The Communities provide retail services directly to their customers or end users.

NPDES (National Pollutant Discharge Elimination System): A permit issued by EPA in conjunction with DEP to govern discharges into waterways.

Potable Water: Water fit for human consumption in conformance with the regulations of the Environmental Protection Agency and the Massachusetts Department of Environmental Protection.

Program: An organized group of activities and the resources to carry them out, aimed at achieving related goals.

Public Water Main: The piping and associated valves, hydrants and appurtenances installed in a public way, Commission-owned easement, or private way open to public travel, for the purpose of supplying water to one or more customers or for public fire protection.

R.M.I: Remote Meter Interface. A device for reading water meters using a hand held computer which is plugged into an outside box wired to the meter.

Rate Revenue: Income received in a specified period from user charges for providing water and sewer services.

Rehabilitation: Any process which serves to extend the useful life of a pipe or structure which is in need of repair.

Residential Meter: A meter two inches in size or smaller used to measure the flow of water to predominantly residential properties.

Sanitary Sewage: Liquid and water-carried human and domestic wastes from buildings, exclusive of ground, storm and surface water.

Sanitary Sewers: In a separated system, pipes that carry only domestic or commercial sanitary sewage as opposed to rainwater runoff.

Sewer: A pipe or conduit that carries wastewater

Sewer System: The combined Wastewater System and Storm Drainage System.

Storm Drain: A pipe or conduit designed to carry storm-water or surface water runoff.

Storm Drainage System: Storm drains, tidegates, flow regulators, catch basins, storm-water pumping stations and appurtenant facilities.

Storm Sewers: Storm drains or storm drainage system.

Stormwater: Any water resulting from rainfall or other precipitation that runs off surfaces during or after a storm.

Unaccounted-for Water: The difference between the volume of water withdrawn from the source of supply and the volume of water billed to customers. Unaccounted for water is caused by system losses, fire protection and construction activities.

Valve: A device used in water systems to control the flow of water.

Wastewater: The spent water of a community, which may be a combination of the liquid and water-carried domestic or industrial wastes from buildings, together with any groundwater and stormwater that may be present

Wastewater System: The totality of the devices, equipment or works used in transportation, pumping, storage, treatment, recycling, or reclamation of wastewater or in the disposal of the effluent.

Water Service Pipe: The connection, piping and associated valves and appurtenances that extend from a public water main to a building or property for the purpose of supplying water.

APPENDIX B - KEY ABBREVIATIONS

SIZE	DESCRIPTION
4 W/ 8	4" PIPE IS REPLACED WITH 8" PIPE
6 W/ 8	6" PIPE IS REPLACED WITH 8" PIPE
8 W/ 12	8" PIPE IS REPLACED WITH 12" PIPE

TYPE	TYPE OF SEWER PIPE
D	STORM DRAIN
S	SEWER
W	WATER

APPENDIX C – STREET LISTING

Fort Point Channel and Mystic/Chelsea Combined Sewer Overflow Control

STREETS	LIMITS	Neighborhood
Seaport Boulevard	At Atlantic Avenue	Boston Proper
East Street	At South Street	Boston Proper
Kneeland Street	At Atlantic Avenue	Boston Proper
Rutherford Avenue	At Sullivan Square	Charlestown
Massachusetts Avenue	Clapp Street to Allstate Road	Dorchester
Condor Street	At Meridian Street	East Boston

Dorchester Interceptor - Relief Sewer

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Gallivan Boulevard	Hallet Street to Neponset Avenue	Dorchester	1,300 ft.	60 in.	Sewer
Morrissey Boulevard	Neponset Avenue to Freeport Street.	Dorchester	5,800 ft.	60 in.	Sewer
Freeport Street	Morrissey Boulevard to Beach Street	Dorchester	1,900 ft.	60 in.	Sewer

26-309-002

STREETS	LIMITS	Neighborhood
Bennington St	Putnam St To Bremen St	East Boston
Bremen St	Prescott St To Bennington St	East Boston
Chelsea St	Putnam St To Day Sq	East Boston
Lexington St	Putnam St To Prescott St	East Boston
Prescott St	Lexington St To Bremen St	East Boston
Princeton Pl	Princeton St To #1	East Boston
Princeton St	#147 To #288	East Boston
Putnam St	#67 To Bennington St	East Boston
Saratoga St	#214 To #458	East Boston
Trenton St	#155 To Putnam St	East Boston

25-309-001

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
MALDEN ST	HARRISON AV TO ALBANY ST	South End	1,570	varies	CS
UNION PARK ST	TREMONT ST TO SHAWMUT AV	South End	600	77x77	SD
UNION PARK ST	MONTGOMERY ST TO ALBANY ST	South End	4,546	varies	CS
SHAWMUT AV	HAVEN ST TO UNION PARK ST	South End	1,510	12x18, 18x27, 24x36	CS
HARRISON AV	EAST CONCORD ST TO MALDEN ST	South End	1,840	72	CS
HARRISON AV	MASSACHUSETTS AV TO EAST BERKELEY ST	South End	2,388	53x96, 72, 54x66, 66	SD
MASSACHUSETTS AV	PUBLIC ALLEY NO. 715 TO HARRISON AV	South End	760	24x36	CS
EAST CONCORD ST	WASHINGTON ST TO HARRISON AV	South End	731	96x60	CS
WEST NEWTON ST	TREMONT ST TO WASHINGTON ST	South End	1,073	24x28	CS
WEST CONCORD ST	TREMONT ST TO WASHINGTON ST	South End	1,220	96x60	CS
TREMONT ST	NORTHAMPTON ST TO UNION PARK	South End	3,000	36x48, 41x60, 36	CS
TREMONT ST	CAMDEN ST	South End	287	36x48	SD
			16,250		CS
			3,275		SD
			19,525		Total

25-309-002

Location	Limits	Neighborhood	Total Length (ft)	type	SIZE(IN.)
FANEUIL STREET	#20 FANEUIL STREET TO #38 FANEUIL STREET	ALBR	213	SS	10
FANEUIL STREET	#20 FANEUIL STREET TO MARKET STREET	ALBR	255	SS	15
BABCOCK STREET	COMMONWEALTH AVENUE TO ASHFORD STREET	ALBR	596	SS	10
ASHFORD STREET	BABCOCK STREET TO ALCORN STREET	ALBR	242	SS	10
WESTERN AVENUE	AT LITCHFIELD STREET - 25EMH59	ALBR	0	SS	18
WESTERN AVENUE	LITCHFIELD STREET TO ANTWERP STREET	ALBR	278	SS	18
BURTON STREET	AT BELLAMY STREET - 23BMH78	ALBR	0	SS	8
BURTON STREET	BELLAMY STREET TO HUNNEWELL AVENUE	ALBR	257	SS	8
BEACON STREET	SUTHERLAND ROAD TO AYR ROAD	ALBR	435	SS	8
SOLDIERS FIELD ROAD	#1850 to #1670 SOLDIERS FIELD ROAD	ALBR	549	SS	10
SOLDIERS FIELD ROAD	#1670 TO #1650 SOLDIERS FIELD ROAD	ALBR	820	SS	10
COMMONWEALTH AVE	AMORY STREET TO #850 COMMONWEALTH AVENUE	ALBR	50	SS	12
COMMONWEALTH AVE	AMORY STREET TO #850 COMMONWEALTH AVENUE	ALBR	35	SS	12
WESTERN AVENUE	SPURR STREET TO #280 WESTERN AVENUE	ALBR	950	SS	10
WESTERN AVENUE	#280 WESTERN AVENUE TO EVERETT STREET	ALBR	178	SS	10
KIRKWOOD ROAD	SOUTH STREET TO RADNOR ROAD	ALBR	211	SS	10
KIRKWOOD ROAD	RADNOR ROAD TO FOSTER STREET	ALBR	764	SS	10
KIRKWOOD ROAD	AT #34 KIRKWOOD ROAD - 21DMH68	ALBR	0	SS	10
NORTH BEACON STREET	CAMBRIDGE STREET TO EVERETT STREET	ALBR	403	SS	12
NORTH BEACON STREET	AT EVERETT STREET - 23EMH102	ALBR	0	SS	12
EVERETT STREET	NORTH BEACON STREET TO CLEVEMONT AVENUE	ALBR	291	SS	10
EVERETT STREET	CLEVEMONT AVENUE TO #52 EVERETT STREET	ALBR	297	SS	20X30
GORDON STREET	CAMBRIDGE STREET TO NORTH BEACON STREET	ALBR	540	SS	8 & 10

25-309-003

STREETS	NEIGHBORHOOD
342 Hanover Street	Central (North End)
436 Commercial Street	Central (North End)
315 Hanover Street (Lathrop Place)	Central (North End)
139-141 Richmond Street	Central (North End)
Hanover Street	Central (North End)
61 Cross Street (@ Hanover Street)	Central (North End)
Parmenter Street @ Hanover Street	Central (North End)
454 Hanover Street	Central (North End)
Paul Revere Mall	Central (North End)
Fulton Street @ Richmond Street	Central (North End)
2 Battery Wharf	Central (North End)

25-309-005

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
WIDETTE CIRCLE	S. Boston Bypass (I-93) to 15 Widette Circle	South Boston	460	102"	CS
SOUTHAMPTON STREET	Andrew Square to Frontage Road	South Boston	2,540	102"	CS

25-309-006

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Sydney Street	Carson Street	North Dorchester			SD
Yawkey Way	Brookline Avenue	Fenway/Kenmore			SD
Chelsea Street	Vine Street	Charlestown			SD
Terminal Street	behind Old Ironsides Way	Charlestown			SD

25-308-001

Street	Limits	Neighborhood	Size	YEAR	Length
Harvard Street	Tyler to Hudson	City Proper	12	1935	175.00
Tai tung street	hudson to tyler	City Proper	8	1968	175.00
Tyler	Harvard to Oak	City Proper	12	1974	550.00
Oak	Harrison to Tyler	City Proper	12	1974	200.00
Maple Place	Oak to Johnny Ct	City Proper	8	1973	130.00
Johnny Ct	Harrison to Maple Pl	City Proper	8	1973	200.00
Harrison Ave	Nassau to Herald	City Proper	12	1974	1250.00
Harrison Ave	Beach to Kneeland	City Proper	12	1912(1988) 1915(1988)	600.00
Harrison Ave	Essex to Beach	City Proper	12	1912(1986) 1922(1986)	740.00
Marginal road	Tremont to Washington	City Proper	12	1973	1000.00
Tremont	Marginal to Shawmut	City Proper	12	1973	720.00
Shawmut Ave	Marginal to Tremont	City Proper	12	1973	650.00
Oak St W	Shawmut to Washington	City Proper	12	1973	350.00
Washington	Marginal to Kneeland	City Proper	12	1972/3	1400.00
Tremont	Shawmut to Stuart	City Proper	12	Various SI/Sh	2000.00
Stuart	Tremont to Washington	City Proper	12	Both sides 1905/23 (1964)	1000.00

25-308-002

Street	Limits	Neighborhood	Size	YEAR	Length
Byron street	Bennington to Homer	East Boston	12	1902/50	500.00
Horace Street	Harmony to Byron	East Boston	8	1950/70	1320.00
Neptune Circle	Horace to Horace	East Boston	8	1984	850.00
Moore Street	Bennington to Cowper	East Boston	8	1973	740.00
Harmony Street	Bennington to Horace	East Boston	8	1950	250.00
Chelsea street	East eagle to Bridge	East Boston	12	1888	2000.00

25-308-003

Street	Limits	Neighborhood	Size	YEAR	Length
W Milton Street	Ernest to Readville	Hyde Park	12	1915(2007)	2500.00
Readville street	W Milton Street to River	Hyde Park	12	1913(1993)	3450.00
Milton Street	Readville to Neponset Valley Parkway	Hyde Park	12	1915(2007)	700.00
Neponset Valley Parkway	Milton to Westinghouse	Hyde Park	12	1914(2007)	1600.00
Ernest Ave	West Milton to River	Hyde Park	10/12	1915/1899(1993)	850.00
Norton Street	River to Readville	Hyde Park	8	1905(1993)	1200.00

25-308-004

Street	Limits	Neighborhood	Size	YEAR	Length
Norfolk	Morton to Talbot Ave	Dorchester	10/12	1901/1913(1996)	5400.00
Woodrow Ave	Blue Hill Ave to Norfolk	Dorchester	12	1896(2006)	3700.00
St Marks Road	Dorchester Ave to Adams	Dorchester	8	1925(1993)	1600.00
Semont	Dorchester Ave to St Marks Rd	Dorchester	8	1916(1993)	750.00
Glenrose	Adams to St Marks Rd	Dorchester	8	1925(1993)	625.00
Fairlawn Ave	Greenfield to Bismarck	Mattapan	8	1966	1250

25-308-008

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Tremont Street	Northampton Street to Benton Street	South End	860	12	WMREL
Northampton Street	Columbus Avenue to Tremont Street	South End	1000	12	WMREL
Neptune Circle	Horace Street to Horace Street	East Boston	900	8	WMREL
Neptune Circle	Horace Street to Horace Street	East Boston	800	12	DLIN

24-309-012

Street	Limits		Neighborhood	Length	Size	Type
CENTRAL AV	ARLINGTON ST	WEST ST	Hyde Park	509	8	SSReplace
WEST ST	HYDE PARK AV	CENTRAL AV	Hyde Park	600	8;10	SSReplace
WESTMINSTER ST	METROPOLITAN AV	HUNTINGTON AV	Hyde Park	682	8, 10	SSReplace
LOCKWOOD ST	METROPOLITAN AV	HUNTINGTON AV	Hyde Park	369	8	SSReplace
COLLINS ST	HYDE PARK AV	METROPOLITAN AV	Hyde Park	37	10	SSReplace
HYDE PARK AV	AMERICAN LEGION HWY	COLLINS ST	Hyde Park	48	10	SSReplace
CLARE AV			Hyde Park	289	24	SSReplace
WASHINGTON STREET PL	WASHINGTON ST	WASHINGTON ST	Hyde Park	500	8	SSReplace
WASHINGTON ST	NEWACRE RD	GARFIELD AV	Hyde Park	66	10	SSReplace
HYDE PARK AV	RESERVATION RD	MILTON ST	Hyde Park	347	20-24	SSReplace
HYDE PARK AV	THATCHER ST	WILLOW AV	Hyde Park	473	10	SSReplace
GROVE ST	BIRCHWOOD ST	STIMSON ST	West Roxbury	977	12,20	SSReplace
STIMSON ST	GROVE ST	WASHINGTON ST	West Roxbury	153	20	SSReplace
HYDE PARK AV	WOLCOTT SQ	MILTON ST	Hyde Park	515	20	SSReplace
METROPOLITAN AV	HIGHLAND ST	BRUSHWOOD CIR	Hyde Park	157	10	SSReplace
HILTON ST			Hyde Park	444	8	SSReplace
WEST ST	HYDE PARK AV	CENTRAL AV	Hyde Park	825	8, 10	SSReplace
WINSLOW ST	COTTAGE PL	CHILD ST	Hyde Park	342	8	SSReplace
				6,224		
COLLINS ST	CLARE AV	HYDE PARK AV	Hyde Park	237	10	SSLining
HYDE PARK AV	AMERICAN LEGION HWY	COLLINS ST	Hyde Park	48	10	SSLining
PROVIDENCE ST	WESTMINSTER ST	ARLINGTON ST	Hyde Park	324	15	SSLining
HIGHLAND ST	ALBION ST	METROPOLITAN AV	Hyde Park	1,257	8 W 10	SSLining
OSCEOLA ST	FRIENDSHIP RD	HOPEWELL RD	Hyde Park	164	8w10	SSLining
METROPOLITAN AV	HIGHLAND ST	BRUSHWOOD CIR	Hyde Park	273	10,8	SSLining
RIVER ST	MASSASOIT ST	MATTAKEESET ST	Hyde Park	513	10	SSLining
WINSLOW ST	CHILD ST		Hyde Park	150	6w8 or 10?	SSLining
CHILD ST	WINSLOW ST	RESERVATION RD	Hyde Park	169	6w8 or 10?	SSLining
MSGR. DENNIS F. O'CALLAGHAN WY	GENERAL LAWRENCE J LOGAN WY	DOCTOR MICHAEL GAVIN WY	South Boston	705	12x18, 15x18	SSLining
				3,840		
HYDE PARK AV	METROPOLITAN AV	WILLOW AV	Hyde Park	191	12	SDReplace
METROPOLITAN AV			Hyde Park	176	12	SDReplace
				367		
HYDE PARK AV	THATCHER ST	WILLOW AV	Hyde Park	193	10	SDLining
NAVARRA ST	JALLEISON ST	NAVARRA PL	Hyde Park	457	10,12,15	SDLining
HYDE PARK AV	WILLOW AV	METROPOLITAN AV	Hyde Park	704	12	SDLining
GARFIELD AV	LORING ST	TRUMAN PKWY	Hyde Park	263	15	SDLining
MARIPOSA ST	BLAKE ST	WOOD AV	Hyde Park	62	15	SDLining
LORING PL	LORING ST	LORING ST	Hyde Park	146	12	SDLining
				1,825		

24-309-006

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE	Recommended Work
Cambridge St	Cambridge St from 28IMH2 to 28JMH5	Charlestown	235	24"	Sanitary	Lining
Caldwell St	Caldwell St from Perkins St to 23 Caldwell St	Charlestown	185	12"	Sanitary	Lining
Brighton St	Segment of pipe on Brighton St north of Perkins St	Charlestown	100	12"	Sanitary	Lining
Parker St	Parker St from 13 Parker St to Perkins St	Charlestown	245	12"	Sanitary	Lining
Stark St	Stark St from Cambridge St to Roland St	Charlestown	150	10"	Sanitary	Lining
Roland St	Roland St from the East side of 92-100 Cambridge St to Carter	Charlestown	345	12"	Sanitary	Lining
Carter St	Carter from Cambridge St to Roland St	Charlestown	170	12"	Sanitary	Lining
Crescent St	Crescent St from Cambridge St to Roland St	Charlestown	150	10"	Sanitary	Lining
Perkins St	Perkins St from Parker St to Clinton Pl	Charlestown	470	12"	Sanitary	New sewer
Clinton Pl	Clinton Pl from 6 Clinton Pl to Perkins St	Charlestown	150	12"	Sanitary	New sewer
Brighton St	Brighton St from Perkins St to Cambridge St	Charlestown	610	12"	Sanitary	Replacement
Brighton St	Brighton St from 29JMH262 to 29JMH261	Charlestown	50	15"	Drain	Lining
Brighton St	Brighton St from 29JMH260 to 29JMH258	Charlestown	120	18"	Drain	Lining
Perkins St	Perkins St from Parker St to Brighton St	Charlestown	205	24"	Drain	Lining
Clinton Pl	Pipe segment along northern portion of Clinton Pl	Charlestown	135	24"	Drain	Lining
Perkins St	Perkins St from Brighton St to Clinton Pl	Charlestown	130	24"	Drain	Replacement
Roland St	Segment of Pipe on Roland St from Stark St to Crescent St	Charlestown	110	12"	Drain	Replacement
Caldwell St	Caldwell St from Maffa Way to Perkins St	Charlestown	615	12"	Drain	New Drain
Hadley St	Hadley St from Crescent St to 29IMH4	Charlestown	70	12"	Drain	New Drain
Parker St	Parker St from Hadley St to Cambridge St	Charlestown	100	12"	Drain	New Drain
Cambridge St	Cambridge St from Crescent St to 99 Cambridge St	Charlestown	505	12"	Drain	New Drain
Spice St	Spice St from 6 Spice St to Rutherford Avenue	Charlestown	770	12"	Drain	New Drain
Perkins St	Perkins St from Caldwell St to Clinton Pl	Charlestown	440	12"	WM	Replacement
Cambridge St	Cambridge St from Interstate 93 Highway Overpass to Sullivan	Charlestown	690	12"	WM	Replacement

24-309-005

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
PREBLE STREET	Wendeller Street to Columbia Road (Columbus Park Headworks)	South Boston	2,080	102"	CS

24-309-003

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
AMSTRONG STREET	MOZART ST TO CHESTNUT AVE	JAMAICA PLAIN	70	8	W
AMSTRONG STREET	MOZART ST TO CHESTNUT AVE	JAMAICA PLAIN	495	10	SS
MINTON STREET	AMORY ST. TO MERRIAM ST	JAMAICA PLAIN	145	12	SS
KENNY STREET	DAY ST. TO END	JAMAICA PLAIN	500	10	SS
KENNY STREET	DAY ST. TO END	JAMAICA PLAIN	495	12	SD
GURNEY STREET	GURNEY TO TREMONT	JAMAICA PLAIN	265	12	SS
NEWBERN ST	SEDGWICK ST TO NEWBERN ST	JAMAICA PLAIN	690	12	SS
NEWBERN ST	SEDGWICK ST TO NEWBERN ST	JAMAICA PLAIN	530	15/20	SD
JOHN A. ANDREWS ST	SEDGWICK ST TO NEWBERN ST	JAMAICA PLAIN	470	12	SS
JOHN A. ANDREWS ST	SEDGWICK ST TO NEWBERN ST	JAMAICA PLAIN	30	12	SD
PARKER HILL AVENUE	Huntington Avenue to Parker Street	JAMAICA PLAIN	3770	12	W
PARKER HILL AVENUE	Huntington Avenue to Parker Street	JAMAICA PLAIN	375	12	SS
PARKER HILL AVENUE	Huntington Avenue to Parker Street	JAMAICA PLAIN	455	12"/15"	SD
SOUTH STREET	MCBRIDE ST TO BOYNTON ST	JAMAICA PLAIN	330	12"/15"	SS
KINGSBORO PARK	CENTRE ST. TO END	JAMAICA PLAIN	495	8	W
KINGSBORO PARK	CENTRE ST. TO END	JAMAICA PLAIN	275	10	SS
RIVERWAY	352 RIVERWAY TO 384 RIVERWAY	JAMAICA PLAIN	435	10	SS
SPRING PARK AVENUE	CENTRE STREET TO ADELAIDE STREET	JAMAICA PLAIN	570	12	SS
CENTRE STREET	SOUTH ST TO HATHAWAY ST	JAMAICA PLAIN	80	12	sSD
CENTRE STREET	SOUTH ST TO HATHAWAY ST	JAMAICA PLAIN	395	12	SS
CENTRE STREET	PERKINS ST. TO OAKVIEW TERR	JAMAICA PLAIN	525	12	SS
CENTRE STREET	ROSEWAY STREET TO BOYLESTON STREET	JAMAICA PLAIN	135	12	SS
BOYLSTON PLACE	BOYLESTON STREET TO END	JAMAICA PLAIN	240	10	SS
WAITE STREET	HUNTINGTON ST TO PEQUOT ST	JAMAICA PLAIN			
HUNTINGTON AVENUE	SAINT ALBANS RD TO FENWOOD RD	JAMAICA PLAIN	195	12	SS
SAINT ALBANS ROAD	HUNTINGTON AVE TO MISSION PARK RD	JAMAICA PLAIN	340	12	SD
SAINT ALBANS ROAD	HUNTINGTON AVE TO MISSION PARK RD	JAMAICA PLAIN	330	12	SS
ROSEWAY ST	CENTRE STREET TO END	JAMAICA PLAIN	465	10	SS
TERRACE STREET	OSCAR ST TO GORE ST	JAMAICA PLAIN	275	12	SS
GOODRICH ROAD	CENTRE ST TO END	JAMAICA PLAIN	525	10	SS
LOUDER'S LANE	94 LOUDER LN TO 72 LOUDER'S LN	JAMAICA PLAIN	470	10	SS
HUNTINGTON AVENUE	FENWOOD RD TO TREMONT ST	JAMAICA PLAIN	255	12,26x39	SS
PARKER STREET	PARKER HILL AVE TO HILLSIDE ST	JAMAICA PLAIN	290	20"x26"	SS
PARKER STREET	PARKER HILL AVE TO HILLSIDE ST	JAMAICA PLAIN	200	15	SS

24-309-002

STREETS	LIMITS	Neighborhood		PIPE LENGTH	SIZE	TYPE
CENTRAL AV	ARLINGTON ST	WEST ST	Hyde Park	509	8	SSReplace
WEST ST	HYDE PARK AV	CENTRAL AV	Hyde Park	600	8;10	SSReplace
WESTMINSTER ST	METROPOLITAN AV	HUNTINGTON AV	Hyde Park	682	8, 10	SSReplace
LOCKWOOD ST	METROPOLITAN AV	HUNTINGTON AV	Hyde Park	369	8	SSReplace
COLLINS ST	HYDE PARK AV	METROPOLITAN AV	Hyde Park	37	10	SSReplace
HYDE PARK AV	AMERICAN LEGION HWY	COLLINS ST	Hyde Park	48	10	SSReplace
CLARE AV			Hyde Park	289	24	SSReplace
WASHINGTON STREET PL	WASHINGTON ST	WASHINGTON ST	Hyde Park	500	8	SSReplace
WASHINGTON ST	NEWACRE RD	GARFIELD AV	Hyde Park	66	10	SSReplace
HYDE PARK AV	RESERVATION RD	MILTON ST	Hyde Park	347	20-24	SSReplace
HYDE PARK AV	THATCHER ST	WILLOW AV	Hyde Park	473	10	SSReplace
GROVE ST	BIRCHWOOD ST	STIMSON ST	West Roxbury	977	12,20	SSReplace
STIMSON ST	GROVE ST	WASHINGTON ST	West Roxbury	153	20	SSReplace
HYDE PARK AV	WOLCOTT SQ	MILTON ST	Hyde Park	515	20	SSReplace
METROPOLITAN AV	HIGHLAND ST	BRUSHWOOD CIR	Hyde Park	157	10	SSReplace
HILTON ST			Hyde Park	444	8	SSReplace
WEST ST	HYDE PARK AV	CENTRAL AV	Hyde Park	825	8, 10	SSReplace
WINSLOW ST	COTTAGE PL	CHILD ST	Hyde Park	342	8	SSReplace
				6,224		
COLLINS ST	CLARE AV	HYDE PARK AV	Hyde Park	237	10	SSLining
HYDE PARK AV	AMERICAN LEGION HWY	COLLINS ST	Hyde Park	48	10	SSLining
PROVIDENCE ST	WESTMINSTER ST	ARLINGTON ST	Hyde Park	324	15	SSLining
HIGHLAND ST	ALBION ST	METROPOLITAN AV	Hyde Park	1,257	8 W 10	SSLining
OSCEOLA ST	FRIENDSHIP RD	HOPEWELL RD	Hyde Park	164	8w10	SSLining
METROPOLITAN AV	HIGHLAND ST	BRUSHWOOD CIR	Hyde Park	273	10,8	SSLining
RIVER ST	MASSAHOIT ST	MATTAKEESET ST	Hyde Park	513	10	SSLining
WINSLOW ST	CHILD ST		Hyde Park	150	6w8 or 10?	SSLining
CHILD ST	WINSLOW ST	RESERVATION RD	Hyde Park	169	6w8 or 10?	SSLining
MSGR. DENNIS F. O'CALLAGHAN WY	GENERAL LAWRENCE J LOGAN WY	DOCTOR MICHAEL GAVIN WY	South Boston	705	12x18, 15x18	SSLining
				3,840		
HYDE PARK AV	METROPOLITAN AV	WILLOW AV	Hyde Park	191	12	SDReplace
METROPOLITAN AV			Hyde Park	176	12	SDReplace
				367		
HYDE PARK AV	THATCHER ST	WILLOW AV	Hyde Park	193	10	SDLining
NAVARRE ST	JALLEISON ST	NAVARRE PL	Hyde Park	457	10,12,15	SDLining
HYDE PARK AV	WILLOW AV	METROPOLITAN AV	Hyde Park	704	12	SDLining
GARFIELD AV	LORING ST	TRUMAN PKWY	Hyde Park	263	15	SDLining
MARIPOSA ST	BLAKE ST	WOOD AV	Hyde Park	62	15	SDLining
LORING PL	LORING ST	LORING ST	Hyde Park	146	12	SDLining
				1,825		

24-309-001

Location	From Street Limits	To Street Limits	Neighborhood Name
BEACON ST	MAITLAND ST	BROOKLINE AV	Allston/Brighton
BROOKLINE AV	BEACON ST	NEWBURY ST	Fenway/Kenmore
CHATHAM ST			Central
COLONIAL AV			South Dorchester
CONDOR ST	Meridian		East Boston
HOWLAND ST	HUMBOLDT AV	HAROLD ST	Roxbury
MERCHANTS ROW			Central
MERCHANTS ROW			Central
NEW ENGLAND AV	SOUTHERN AV	MALLARD AV	South Dorchester
SOUTHERN AV	NEW ENGLAND AV	FERNDALE ST	South Dorchester
SOUTHERN AV	NEW ENGLAND AV	FERNDALE ST	South Dorchester
TALBOT AV	MILLET ST	SOUTHERN AV	South Dorchester
VALLAR RD			East Boston
VALLAR RD			East Boston

24-308-002

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Heath Street	South Huntington Avenue to Columbus Avenue	Jamaica Plain	3,660	12	W
Heath Street	South Huntington Avenue to Columbus Avenue	Jamaica Plain	360 Relay	12	SS
Heath Street	South Huntington Avenue to Columbus Avenue	Jamaica Plain	80 Lining	10	SS
Heath Street	South Huntington Avenue to Columbus Avenue	Jamaica Plain	910 Lining	12	SS
Heath Street	South Huntington Avenue to Columbus Avenue	Jamaica Plain	315 Lining	15	SS
Heath Street	South Huntington Avenue to Columbus Avenue	Jamaica Plain	115 Lining	18	SS
Heath Street	South Huntington Avenue to Columbus Avenue	Jamaica Plain	255 Lining	18	SS
New Heath Street	Parker Street to Terrace Street	Jamaica Plain	500	12	W

24-308-001

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Tremont	Boylston to Court	City Proper	2900	16	W
Boylston Street	Tremont Street to Charles Street	City Proper	500	12	W

23-103-006

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
PHASE II					
PREBLE STREET	Wendeller Street to Columbia Road (Columbus Park Headworks)	South Boston	2080	102"	CS
PHASE III					
WIDETTE CIRCLE	S. Boston Bypass (I-93) to 15 Widette Circle	South Boston	460	102"	CS
SOUTHAMPTON STREET	Andrew Square to Frontage Road	South Boston	2540	102"	CS

23-309-012

STREETS	LIMITS	Neighborhood
Altantic St	East Forth St to Thomas Park	South Boston
Cottage St	D Street to Dorchester Street	South Boston
Dorchester St	Jenkins St to East Broadway	South Boston
E St	Old Colony Ave to West Seventh St	South Boston
East Broadway	Dorchester St to G St	South Boston
East Fourth St	Dorchester St to G St	South Boston
F St	West Eighth St to West Seventh St	South Boston
Frederick St	Old Colony Ave to West Ninth St	South Boston
Gates St	Dorchester St to Telegraph St	South Boston
Grimes St	West Eighth St to End	South Boston
Gustin St	Old Colony Ave to End	South Boston
Lark St	West Ninth St to West Eighth St	South Boston
Linden St	East Fourth St to Thomas Park	South Boston
Loring St	West Eighth St to West Seventh St	South Boston
Mercer St	Dorchester St to East Eighth Street	South Boston
Mitchell St	Old Colony Ave to West Ninth St	South Boston
National St	Dorchester St to Thomas Park	South Boston
Old Harbor St	Dorchester St to Telegraph St	South Boston
Pacific St	East Fourth St to Thomas Park	South Boston
Private Rd		South Boston
Silver St	Dorchester St to G St	South Boston
Telegraph St	Dorchester St to Thomas Park	South Boston
Thomas Park	National St to #69, 96 G St to Atlantic St	South Boston
West Eighth St	E St to Dorchester St	South Boston
West Ninth St	E St to Dorchester St	South Boston

23-309-011

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Water					
Kilmamock St	Boylston St to Park Drive	Fenway	750	10,8	W
Queensbery	Park Drive to Park Drive	Fenway	1800	8	W
Sewer					
Boylston Street	Kilmamock St to Jersey St	Fenway	724	32x42	SS
Kilmamock St	Boylston St to Park Drive	Fenway	656	15x22	SS
Queensbery	Park Drive to Park Drive	Fenway	255	15x18,30x36	SS
Private Alley 914	Jersey St to Queensbery St	Fenway	232	12	SS
Private Alley 925	Kilmamock St to Jersey St	Fenway	252	15x18, 18	SS
Private Alley 926	Kilmamock St to Jersey St	Fenway	297	15	SS
Private Alley 930	Peterborough St to Queensbery St	Fenway	343	15x18	SS
Drain					
Boylston Street	Jersey St to Kilmamock	Fenway	1389	12,15,18,24	SD
Queensbery	Park Drive to Park Drive	Fenway	1745	15, 18, 30x30	SD
Private Alley 914	Jersey St to Queensbery St	Fenway	232	18	SD
Private Alley 925	Kilmamock St to Jersey St	Fenway	221	18x24	SD
Private Alley 930	Peterborough St to Queensbery St	Fenway	304	36x36	SD

23-309-005

Street	Limits	Neighborhood	Pipe Length (ft)	Size (in)	Type
Altmont Street	Altmont St. to Blue Hill Ave	MATP	310	12	SS
Banfield Avenue	Delhi Street to Morton Village Dr.	MATP	335	12	SS
Banfield Avenue	Delhi Street to Morton Village Dr.	MATP	240	27	SD
Blue Hill Avenue	Esmond St to Northeast Abbot St	ROXB	390	12	SS
Blue Hill Avenue	Livingstone St to Morton St	MATP	355	12	SS
Blue Hill Avenue	Talbot Ave to Northeast Abbot St	MATP	1175	12	SS
Blue Hill Avenue	Woodrow St. to Clarkwood St.	MATP	1865	12	W
Blue Hill Avenue	Woodrow St. to Clarkwood St.	MATP	1425	12	SS
Blue Hill Avenue	Harvard St. to Esmond St.	MATP	1255	12	SS
Blue Hill Avenue	Baird St. to Deering St.	MATP	755	12	SS
Blue Hill Avenue	at 1050 Blue Hill Ave.	MATP	135	12	SD
Blue Hill Avenue	at 1517 Blue Hill Ave.	MATP	155	12	SS
Blue Hill Avenue	Hansborough St. to Havelock St.	MATP	740	12	SS
Blue Hill Avenue	at Floyd St.	MATP	30	12	SS
Blue Hill Avenue	at Washington St.	MATP	75	12	SS
Brookline Avenue	Pilgram Road to Riverway	Fenway /Kenmore	20	16	SS
Clarkwood Street	Blue Hill Ave to Norfolk St	MATP	1075	12	W
Clarkwood Street	Blue Hill Ave to Norfolk St	MATP	930	12	SD
Clarkwood Street	Blue Hill Ave to Norfolk St	MATP	1000	12	SS
Columbia Road	at Elder Street	NDOR	25	8	W
Columbia Road	East Cottage St to Holden St	NDOR	360	12	CS
Freeland Street	Standard Street to End	MATP	435	10	SS
Gallivan Blvd	at Vera Street	MATP	165	10	SS
Ledgebrook Rd	Meadowbank Ave to Southmere Rd	MATP	230	8	SS
Lena Terr	Lorna Rd to West Selden St	MATP	285	12	SD
Lena Terr	Lorna Rd to West Selden St	MATP	290	10	SS
Lorna Rd	Lena Ter. To End	MATP	490	10	SS
Lorna Rd	Lena Ter. To End	MATP	235	12	SD
Longmeadow Street	Clifton St. to Batchelder St.	ROX	45	8	W
Longmeadow Street	Clifton St. to Batchelder St.	ROX	230	10	CS
Meadowbank Road	Richwood St. to End	MATP	230	8	SS
Seaver	Blue Hill Ave to Maple St.	ROX	620	"10/12	SS
Southmere Rd	River St to Ledgebrook Rd.	MATP	140	8	SS
Vera St	Gallivan Blvd. to End	MATP	280	10	SS
Willowwood St	Dumas St to Woodrow	MATP	335	30	SD
Woodhaven St	Messinger St to Culbert St	MATP	430	10	SS
Woodhaven St	Messinger St to Culbert St	MATP	300	10	SD

23-309-003

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Ave Louis Pasteur	Longwood Ave to Blackfan Circle	FEKE	555	10	SS
Beacon St	Charlesgate West to Raleigh St	FEKE	115	15	SS
Cedarcrest Cir	Cedarcrest Rd	WROX	350	10	SS
Clarendon St	Stanhope St to Stuart St	BBBH	245	18	SS
Clarendon St	Stanhope St to Stuart St	BBBH	10	18	SS
Clarendon St	Stanhope St to Stuart St	BBBH	375	18x18, 12	SS
Colchester St	Stanbro St to Millstone Rd	HYDE	650	12	SS
George St	Danbury Rd to River St	HYDE	630	8 x 12	SS
Millstone Rd	Prescott St to Hyde Park Ave	HYDE	330	15	SS
Northdale Rd	Gould St to Northdale Ter	WROX	160	15	SS
Roseberry Rd	Ruskindale Rd to Greenfield Rd	HYDE	360	8	SS
Rowe St	Seymour St to Cummins Highway	ROSL	1335	12	SS
Sprague St	Home St to Lakeside Ave	HYDE	395	15	SS
Tremont St	Berkeley St to Appleton St	SEND	240	12	SS
VFW Parkway	Centre St to Vincent St	WROX	555	24	SS
Walter St	Centre St to Private Rd	ROSL	445	10	SS
Whipple Ave	Washington St	ROSL	250	10	SS

23-309-002

STREETS	LIMITS	Neighborhood
Anthony J Grieco Ter	#8 To Chelsea St	East Boston
Bremen St	Summer St To Prescott St	East Boston
Brooks St	Chelsea St To Bremen St	East Boston
Chelsea St	Maverick St To George R Visconti Rd	East Boston
Drake Pl	#3 To Chelsea St	East Boston
Elbow St	Meridian St To Chelsea St	East Boston
Emmons St	Paris St To Chelsea St	East Boston
George R Visconti Rd	Chelsea St To Bremen St	East Boston
Gove St	Paris St To Bremen St	East Boston
Marion St	Chelsea St To Bremen St	East Boston
Maverick St	Chelsea St To Bremen St	East Boston
Meridian St	Paris St To Maverick St	East Boston
Paris St	Meridian St To Emmons St	East Boston
Porter St	Chelsea St To Orleans St	East Boston
Putnam St	Chelsea St To Bremen St	East Boston
Rev Anthony Ciao Fw	Bremen St To Orleans St	East Boston

22-308-003

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Willers St	Edgemere Rd to Fensmere Rd	WROX	735	8	W
Georgetowne Dr	Willers St to Dedham Blvd	WROX	3120	12	W
Margaretta Dr	Georgetowne Dr to End	WROX	1120	8	W
Georgetowne Pl	Georgetowne Dr to End	WROX	875	8	W
Crown Point Dr	Margaretta Dr to Margaretta Dr	WROX	1490	8	W
Averton St	Washington St to Walworth St	ROSL	1100	12	W
Misc.		WROX	50	10-12	SS
Misc.		WROX	50	10-12	SD

23-308-001

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
MLK Blvd	Washington St to Warren St	ROXB	6200	8	SH
Warren St	Townsend St to Woodbine St	ROXB	725	8	SH
Mayfair St	Elmore St to End	ROXB	330	8	SH
Harold Park/Street	Townsend St to End	ROXB	850	8	SH
Humbolt Ave	MLK Blvd to Laurel St	ROXB	225	12	SH
Laurel St	Humbolt Ave to Dale St	ROXB	550	8	SH
Catawba St	Laurel St to Charlame St	ROXB	570	8	SH
Charlame St	Laurel St to Catawba St	ROXB	1100	8	SH
Fenno St	Walnut Ave to End	ROXB	200	8	SH
Leslie Park	Walnut Ave to End	ROXB	330	8	SH
Homes Ave	Geneva Ave to Draper	Dorchester	1550	12	SH

22-309-014

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Almont St		Mattapan	10	12	S
Carolina Ave		Jamaica Plain	135	15	S
Constance Rd		West Roxbury	300	10	S
Grove St		West Roxbury	1190	10-24	S & D
Johnston Rd		Mattapan	200	12	D
Orlando St		Mattapan	270	24	D
Safford St		Hyde Park	200	10-12	S & D
Stimson St		West Roxbury	200	15	S
Various - Unknown at this time		Citywide	3110	10-24	S & D

22-309-001

Street	Limits		Neighborhood
Ainsworth Street	Centre St	South St	ROSL/WROX
Albano Street	Washington St	Cliftondale St	ROSL/WROX
Alhambra Road	Maple St	Willow St	ROSL/WROX
Anawan Avenue	Stratford St	Beech St	ROSL/WROX
Anawan Terrace	Anawan Av	Iona St	ROSL/WROX
Arboretum	Fairview St	South St	ROSL/WROX
Arbrough Street	Conway St	Arboretum	ROSL/WROX
Averton Street	Walworth St	Washington St	ROSL/WROX
Beech Street	Kenneth St	Anawan Av	ROSL/WROX
Belgrade Avenue	Robert St	Corinth St	ROSL/WROX
Bradfield Avenue	Centre St	South St	ROSL/WROX
Brookfield St	South Fairview St	South St	ROSL/WROX
Cedrus Avenue	Walworth St	Washington St	ROSL/WROX
Centre Street	Fletcher St	Farquhar St	ROSL/WROX
Clement Avenue	Stratford St	Meredith St	ROSL/WROX
Colberg Avenue	West Roxbury Pkwy	Beech St	ROSL/WROX
Congreve Street	(Centre St)	South St	ROSL/WROX
Coniston Road	Selwyn St	Walter St	ROSL/WROX
Corey Street	Centre St	Park St	ROSL/WROX
Crandall Street	Augustus Av	Hillview Avenue	ROSL/WROX
Crest Street	Houston St	Kirk St	ROSL/WROX
Cummins Hwy	Washington St	Florence St	ROSL/WROX
Edgemont Street	South St	Ainsworth St	ROSL/WROX
Emelia Terrace	(Maple St)	Willow St	ROSL/WROX
Fairview Street	Cotton St	Mendum St	ROSL/WROX
Farquhar Street	Centre St	Selwyn St	ROSL/WROX
Florence Street	Hawthorne St	Cummins Hwy	ROSL/WROX
Garth Road	Corey St	Maple St	ROSL/WROX
Hastings Street	Centre St	Railroad St	ROSL/WROX
Havey Street	Alder St	Durnell Av	ROSL/WROX
Hawthorne Street	Florence St	Sycamore St	ROSL/WROX
Hemman Street	Kittredge St	Highfield Rd	ROSL/WROX
Henshaw Terrace	end	Corey St	ROSL/WROX
Hilburn Street	Whitford St	Poplar St	ROSL/WROX
Hillview Avenue	Whitford St	Poplar St	ROSL/WROX
Kenneth Street	Clement Av	Beech St	ROSL/WROX
Kirk Street	Crest St	Montview St	ROSL/WROX
Kittredge Court	Kittredge St	Augustus Av	ROSL/WROX
Kittredge Street	Cornell St	Denton Ter	ROSL/WROX
Knoll Street	Hazelmere Rd	Selwyn St	ROSL/WROX

La Grange Street	Larkhill Rd	Partridge St	ROSL/WROX
Maple Street	Alhambra Road	Centre St	ROSL/WROX
Maria Lane	Roslindale Av	Metropolitan Av	ROSL/WROX
Mendum Street	Walter St	Fairview St	ROSL/WROX
Meredith Street	Clement Av	Kenneth St	ROSL/WROX
Metropolitan Avenue	Maria Ln	Washington St	ROSL/WROX
Montclair Avenue	Sunset Hill Rd	-	ROSL/WROX
Montview Street	Mount Vernon St	Kirk St	ROSL/WROX
New Park Avenue	West Roxbury Pkwy	Beech St	ROSL/WROX
Park Street	Centre St	Corey St	ROSL/WROX
Park Street	Gentrude Rd	Robin St	ROSL/WROX
Parklawn Road	Church St	Weld St	ROSL/WROX
Poplar Street	Washington St	Sycamore St	ROSL/WROX
Realton Road	Weld St	Willowdean Av	ROSL/WROX
Redlands Road	Alameda Rd	Centre St	ROSL/WROX
Robert Street	Brookfield St	Belgrade Av	ROSL/WROX
Robin Street	La Grange St	Stratford St	ROSL/WROX
Robken Road	Hazelmere Rd	Selwyn St	ROSL/WROX
Rosecliff Street	Clifftondale St	Rosecliff Ter	ROSL/WROX
Roslindale Avenue	Averton St	Maria Ln	ROSL/WROX
Selwyn Street	Farquhar St	Robken Rd	ROSL/WROX
Sherman Street	Poplar St	Hawthorne St	ROSL/WROX
South Fairview Street	South Walter St	Robert St	ROSL/WROX
South Street	Centre St	Ainsworth St	ROSL/WROX
South Street	Arboretum	Mosgrove Av	ROSL/WROX
South Walter Street	Robert St	South Fairview St	ROSL/WROX
Stratford Street	Clement Av	Bellevue Hill	ROSL/WROX
Sunset Hill Road	Sunset Hill Path	Montclair Av	ROSL/WROX
Sycamore Street	Hawthorne St	Florence St	ROSL/WROX
Walter Street	Ashfield St	Cotton St	ROSL/WROX
Washington Street	Beech St	Cummins Hwy	ROSL/WROX
Weld Street	Rendall Rd	Burnside Av	ROSL/WROX
West Roxbury Parkway	Anawan Av	Hobson St	ROSL/WROX
White Oak Road	Wren St	Wren St	ROSL/WROX
Whitford Street	Augustus Av	Hilburn St	ROSL/WROX
Whittemore Street	Crest St	Montview St	ROSL/WROX
Willow Street	Schirmer Rd	Centre St	ROSL/WROX
Willowdean Avenue	Realton Rd	Weld St	ROSL/WROX
Wilna Ct.	end	Willow St	ROSL/WROX
Wren Street	Oriole St	Woodard Rd	ROSL/WROX

22-309-012

STREETS	LIMITS	Neighborhood
Bowen Street	D Street to Dorchester Street	South Boston
Crowley Rogers Way	D Street to #163-189	South Boston
D Street	West Seventh Street to West Fourth Street	South Boston
E Street	West Seventh Street to West Broadway	South Boston
F Street	West Seventh Street to Silver Street	South Boston
Flaherty Way	D Street to 50 feet west of D Street	South Boston
Gold Street	D Street to Dorchester Street	South Boston
Orton Marotta Way	D Street to 50 feet west of D Street	South Boston
Silver Street	D Street to Dorchester Street	South Boston
Tudor Street	D Street to Dorchester Street	South Boston
West Fifth Street	D Street to Dorchester Street	South Boston
West Fourth Street	D Street to Dorchester Street	South Boston
West Seventh Street	D Street to Dorchester Street	South Boston
West Sixth Street	D Street to Dorchester Street	South Boston

22-309-002

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Cliffmont Street	Canterbury to #33 Cliffmont (10F329 to 10F280)	Hyde Park	250	10	SLIN
Cliffmont Street	#75 Cliffmont to #61 Cliffmont Street (9F284 to 9F283)	Hyde Park	210	10	SLIN
Cliffmont Street	Canterbury Street to #77 Cliffmont Street (10FV134 to 9FV101)	Hyde Park	1140	8	WREL
Wingate Road	at Neponset Valley Parkwy (DCR) (2F CB42 to DCR drain/drywell)	Hyde Park	50	10	DREL
Easement (under MBTA Fairmont Line)	#237 Hyde Park Ave to #50 Brookway Terrace (12G28 to 12G03)	Roslindale	260	15	SLIN
Easement (under MBTA Fairmont Line)	#237 Hyde Park Ave to #50 Brookway Terrace (20' from 12G03)	Roslindale	20	15	SREL
Geneva Avenue	Vaughn Avenue to MBTA Sta. (14j282 to 14j283)	Roxbury	185	15	DLIN
Geneva Avenue	Vaughn Avenue to MBTA Sta. (14j112 to 14j114)	Roxbury	140	10	SREL
Geneva Avenue	Olney Street to #237 Geneva Ave. (14j212 to 14j211)	Roxbury	210	12	SLIN
Geneva Avenue	#255 Geneva Ave. to Everton Street (14j210 to 14j209)	Roxbury	225	12	SLIN
Columbia Road	Oldfields Rd. to Stanwood St. (#200 Columbia add new drain and CB)	Dorchester	100	18	DREL
Columbia Road	Intervale Street at Columbia Road (new drain to remove from SS)	Dorchester	60	18	DREL
Centre Street	#364 Centre, remove CB 18G35 from 12" sewer on Forbes Street	Jamaica Plain	60	8	DREL
John Andrew Street	Sedgewick to Carolina Avenue (15g222 to 15g217)	Jamaica Plain	140	12	SREL
John Andrew Street	Sedgewick to Carolina Avenue (15g238 to 15g228)	Jamaica Plain	160	12	DREL
Sedgewick Street	at John Andrew Street (15g221 to 15g222)	Jamaica Plain	30	12	SREL
Sedgewick Street	at John Andrew Street (15g455 to 15g228)	Jamaica Plain	15	12	DREL
Wenlock Road (Easement)	#14 Wenlock Rd. to #31 Hallet Street (11L147 to 11L152)	Dorchester	425	15	SLIN
Wenlock Road	Gallivan Blvd. to Minot Street (11L160 to 11L161)	Dorchester	100	10	DLIN
Wenlock Road	Gallivan Blvd. to Minot Street (11L148 to 11L474)	Dorchester	85	10	SLIN
Wenlock Road	Gallivan Blvd. to Minot Street (11L474 to 11L147)	Dorchester	90	10	SLIN
Wenlock Road	Gallivan Blvd. to Minot Street (11LV156 to 11LV30)	Dorchester	230	8	WREL
Converse Street (Easement)	#12 Converse thru easement (24D28 to 24D27) to Electric Ave.	Allston/Brighton	210	10	SREL
Converse Street (Easement)	Easement (Welch Construction) to Electric Ave. (24D180 to 24Dy182)	Allston/Brighton	25	12	DLIN
Electric Avenue	Parsons Street to Goodenough Street (24CV90 to 24DV18)	Allston/Brighton	970	8	WREL
Electric Avenue	Parsons Street to Goodenough Street (24D245 to 24D248)	Allston/Brighton	200		DLIN
Electric Avenue	Parsons Street to Goodenough Street (24D246 to 24D247)	Allston/Brighton	145	10	SLIN
Electric Avenue	Parsons Street to Goodenough Street (24D249 to 24D246)	Allston/Brighton	80	10	SLIN
Electric Avenue	#35 Electric Ave. to Easement - NGrid Sta.315 (24D23 to 24D364)	Allston/Brighton	95	12	SLIN
Electric Avenue	Easement (Welch Construction) to NGrid Sta. 315 (24D364 to 24D366)	Allston/Brighton	90	12	SREL
Electric Avenue (Easement)	Easement (NGrid Sta. #315) to Goodenough St. (24D365 to 24D238)	Allston/Brighton	240	12	SLIN
Electric Avenue (Easement)	Easement (NGrid Sta. #315) to Goodenough St. (24D239 to 24D241)	Allston/Brighton	100	12	SLIN
Electric Avenue (Easement)	Easement at Goodenough St. (24D241 to 24D240) SREL 12 w/15	Allston/Brighton	60	15	SREL
Gannett Street	Holburn Street to Gaston Street (16iV184 thry 16iV118)	Dorchester	500	8	WREL
Gannett Street	Holburn Street to Gaston Street (16i292 to 16i307)	Dorchester	515	18	DREL
Gannett Street	Holburn Street to Gaston Street (16i289 to 16i290)	Dorchester	250	15	SLIN
Gannett Street	Holburn Street to Gaston Street (16i290 to 16i303)	Dorchester	290	15	SREL
Carlisle Street	#11 Carlisle to Warren Street (16i236 to 16i234)	Dorchester	400	12	SLIN
Carlisle Street (Easement)	#11 Carlisle to Gannett Street (16i236 to SLHs Gannett)	Dorchester	160	12	SLIN
Carlisle Street	Point repairs at #7 and #11 Carlisle Street	Dorchester	30	12	SREL
Gaston Street	#17 Gaston to Gannett Street (16i308 to new 16i307)	Dorchester	200	12	DLIN
Gaston Street	Otisfield Street to Bluehill Avenue (set new MH at 16i307 to 16i306)	Dorchester	215	24	DLIN
Gaston Street	Otisfield Street to Bluehill Avenue (16i304 to 16i258)	Dorchester	310	12	SLIN
Gaston Street	Gannett Street to Otisfield Street (16i303 to 16i304)	Dorchester	140	12	SLIN
Gaston Street	Otisfield Street to Bluehill Avenue (set new MH structure)	Dorchester	10	24	DREL

22-309-003

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Thomton St	Cedar St to Guild St	Roxbury	800	8	W
Thomton St	Cedar Sq to Guild St	Roxbury	520	8	CS
Thomton St	Cedar Sq to Guild St	Roxbury	400	12, 15, 18	SD
Lambert Av	Cedar St to Bartlett St	Roxbury	1255	12	W
Lambert Av	Logan St to Norfolk St	Roxbury	745	12 to 15	CS
Lambert Av	Logan St to Norfolk St	Roxbury	750	TBD	SD
Logan St	9 Logan st to 23 Logan St	Roxbury	110	10	CS
Logan St	23 Logan St to Thomton St	Roxbury	210	8	CS
Juniper St	Cedar Sq tp Cedar St	Roxbury	180	12	CS
Juniper St	Juniper Ter to Cedar St	Roxbury	475	TBD	SD
Cedar St	Juniper St to Washington St	Roxbury	150	TBD	SD
Rockledge St	4 Rockledge St to Thomton St	Roxbury	330	10	CS
Rockledge St	25 Rockledge to Thomton St	Roxbury	75	TBD	SD
Guild St	Thomton St to Washington St	Roxbury	330	12	CS
Guild St	Thomton St to Washington St	Roxbury	260	TBD	SD
Highland St	Cedar St Intersection	Roxbury	45	12	CS
Highland St	Millmont St to Cedar St	Roxbury	440	12	CS
Highland Av	Highland St to Centre St	Roxbury	440	12	CS
Centre St	Highland Av to Highland St	Roxbury	595	15	CS
Centre St	Highland Av to Highland St	Roxbury	460	TBD	SD
Eliot Ter	Entire St	Roxbury	90	6	W
Morley St	Entire St	Roxbury	230	8	W
Morley St	Entire St	Roxbury	210	12	CS
Highland St	Morley St to Norfolk St	Roxbury	150	12	CS
Highland St	Norfolk St to 18 Highland St	Roxbury	40	12	CS
Highland St	Norfolk St to Centre St	Roxbury	355	TBD	SD
Bartlett St	Dudley St to Blanchard St	Roxbury	115	9 to 10	CS
Bartlett St	Blanchard St to Bartlett Station Dr	Roxbury	455	TBD	SD
Kenilworth St	13 Kenilworth St to Dudley St	Roxbury	255	12	CS
Kenilworth St	13 Kenilworth St to Dudley St	Roxbury	255	TBD	SD
Dudley St	Lambert Av to Shawmut Av	Roxbury	735	TBD	SD

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STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Willers St	Edgemere Rd to Fensmere Rd	WROX	735	8	W
Georgetowne Dr	Willers St to Dedham Blvd	WROX	3120	12	W
Margaretta Dr	Georgetowne Dr to End	WROX	1120	8	W
Georgetowne Pl	Georgetowne Dr to End	WROX	875	8	W
Crown Point Dr	Margaretta Dr to Margaretta Dr	WROX	1490	8	W
Averton St	Washington St to Walworth St	ROSL	1100	12	W
Misc.		WROX	50	10-12	SS
Misc.		WROX	50	10-12	SD

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STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Norton St	River St to Readville St	HDYE	1230	8	W
Arborcrest Ter	Gladeside Ave to Ridgeview Av	MATP	490	8	W
Gladeside Ter	End to Gladeside Av	MATP	225	6	W
Westmount Ave	LaGrange St to Mount Vernon St	WROX	640	8	W
Pleasant Ave	Westmount Ave to Dead End	WROX	160	8	W
Eustis St	Magazine St to Hampden st	ROXB	740	8	W
Roslindale Ave	West Roxbury Pkwy to Beech St	ROSL	680	8	W
Hillis Rd	End to Church St	HYDE	230	6	W
Hardwick St	Bigelow St to Dunboy St	ALBR	770	8	W
Hardwick Ter	Hardwick St to End	ALBR	125	6	W
Imbaro Rd	Norton St to End	HDYE	380	6	W
Dunns Ter	Minot St to End	SDOR	230	4	W

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STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Belvidere	Belvidere @Huntington	BOSTON			
Bowker	New Chardon St@ Bowker TO Hawkins St@ Bowker St	BOSTON			
Boylston	Dalton St @ Boylston St TO Hereford St @ Boylston St	BOSTON			
Exeter	Commonwealth Ave W @ Exeter TO Commonwealth Ave E	BOSTON			
Harrison	Essex St @ Harrison Ave TO Hayward Pl @ Harrison Ave	BOSTON			
Hawkins	New Chardon St@ Hawkins TO Bowker St@ Hawkins St	BOSTON			
Hudson	Kneeland St @ Hudson St TO Beach St @ Hudson St	BOSTON			
Huntington	Mass Ave @ Huntington TO West Newton St/Belvidere @Huntington	BOSTON			
Kneeland	Kneeland St @ Tyler St	BOSTON			
Somerset	Somerset st @ Pemberton	BOSTON			
Tyler	Kneeland St @ Tyler St TO Beach St @ Tyler St	BOSTON			
Pemberton	Somerset st @ Pemberton	BOSTON			
General Project		BOSTON			

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STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
EIGHTH		SOUTH BOSTON			
NINTH		SOUTH BOSTON			
BAXTER		SOUTH BOSTON			
BELL		SOUTH BOSTON			
C		SOUTH BOSTON			
D		SOUTH BOSTON			
DARMRELL		SOUTH BOSTON			
EIGHTH		SOUTH BOSTON			
EARL		SOUTH BOSTON			
EWER		SOUTH BOSTON			
GLOVER		SOUTH BOSTON			
GUSTIN		SOUTH BOSTON			
MIDDLE		SOUTH BOSTON			
OLD COLONY		SOUTH BOSTON			
SA YWARD		SOUTH BOSTON			
TRUCKERMAN		SOUTH BOSTON			
WOODWARD		SOUTH BOSTON			
GENERAL PROJECT		BOSTON			

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STREETS	LIMITS	Neighborhood
Beck St	Chelsea St To Bremen St	East Boston
Bennington St	Bremen St To Swift St	East Boston
Bremen St	Bennington St To Curtis St	East Boston
Chaucer St	Saratoga St To Curtis St	East Boston
Chelsea St	Day Sq To #467	East Boston
Condor St	Putnam St To East Eagle St	East Boston
Eagle Sq	East Eagle St To Chelsea St	East Boston
East Eagle St	Putnam St To Chelsea St	East Boston
Falcon St	Putnam St To Glendon St	East Boston
Frankfort St	Neptune Rd To Swift St	East Boston
Glendon St	Condor St To East Eagle St	East Boston
Lawson Pl	Princeton St To #7	East Boston
Lexington Sq	East Eagle St To Lexington St	East Boston
Lexington St	Prescott St To East Eagle St	East Boston
Neptune Rd	Saratoga St To Bennington St	East Boston
Prescott St	East Eagle St To Lexington St	East Boston
Princeton St	#288 To Eagle Sq	East Boston
Putnam St	White St To #67	East Boston
Saratoga St	#458 To Swift St	East Boston
Shelby St	Lexington St To Chelsea St	East Boston
Swift St	Bennington St To Swift Ter	East Boston
Swift Ter	#27 To Swift St	East Boston
Trenton St	Putnam St To East Eagle St	East Boston
Vienna St	Neptune Rd To Bennington St	East Boston
White St	Eutaw St To Trenton St	East Boston
William F McClellan Hwy	Addison St To Boardman St	East Boston

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STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Coniston Rd. (easement)	#104 Walther Street to Roslindale wetlands	Roslindale	785	12, 15	SS
Waumbeck Street	Crawford Street to Wabeno Street	Roxbury	360	10, 12	SS
Waumbeck Street	Crawford Street to Humboldt Avenue	Roxbury	340	12	SD
Humboldt Ave.	Waumbeck Street to Townsend Street	Roxbury	440	10,12	SS
Humboldt Ave.	Waumbeck Street to Townsend Street	Roxbury	205	12	SD
Harold St	Harris of Street to Waumbeck Street	Roxbury	280	15,24	SS
Harold St	Harris of Street to Waumbeck Street	Roxbury	320	12,24	SD
Hollander Street	Harold Street to Crawford Street	Roxbury	345	18	SS
Howland St	Harold Street to Humboldt Avenue	Roxbury	210	10	SS
Howland St	Harold Street to Humboldt Avenue	Roxbury	190	10	SD
Walnut Avenue	Harris of Street to Holworthy Street	Roxbury	245	12	SS
Walnut Avenue	Harris of Street to Holworthy Street	Roxbury	230	18	SD
Thwing St (easement)	#55 (rear) to 43 Beech Glen (rear) Thwing (easement)	Roxbury	270	8, 10	SS
Thwing St (easement)	#55 (rear) to 43 Beech Glen (rear) Thwing (easement)	Roxbury	195	10	SD
Sanford Street	#15 Sanford to Vallaro Rd.	Hyde Park	20	18	SD
Manilla Ave. (Easement)	Norton Street to Neponset Valley Pkwy	Hyde Park	475	18	SS
Westinghouse Plaza	Readville Ave. to parking lot #1 Westinghouse Pz.	Hyde Park	275	20	SS
Readville St	Como Rd. to Albemarle Street	Hyde Park	870	10	SS
Chesterfield Street	Epson Rd. to Manilla Ave.	Hyde Park	300	10	SS
Danny Rd.	#52 Danny Rd to #32 Danny Road.	Hyde Park	205	8	SS
Como Rd.	#40 Como Rd. to Readville St..	Hyde Park	400	10	SS
Ernest Avenue	Marion Street to Como Rd.	Hyde Park	90	8	SS
Denison St	Hailey Street to END	Roxbury	680	12	SS
Denison St	Hailey Street to END	Roxbury	400	12	W

20-309-012

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
A Street	Dorchester Ave to West Broadway	South Boston			
W 5th Street	Dorchester Ave to B Street	South Boston			
Gold Street	Dorchester Ave to B Street	South Boston			
W 4th Street	Dorchester Ave to B Street	South Boston			
Silver Street	Dorchester Ave to B Street	South Boston			
B Street	Dorchester Ave to W 2nd Street	South Boston			
W 7th Street	B Street to D Street	South Boston			
W 4th Street	Dorchester Ave to B Street	South Boston			
W 6th Street	Haul Road to B Street	South Boston			
Joyce Hayes Way	W 7th St to Orton Marotta Way	South Boston			
Orton Marotta Way	B Street to Joyce Hays	South Boston			
Flaherty Way	B Street to D Street	South Boston			
St. Casimir St	Flaherty Way to Crowley Rodgers Way	South Boston			
Crowley Rodger Way	B Street to D Street	South Boston			
West Broadway	Haul Road to D Street	South Boston			
C Street	West Broadway to W 2nd Street	South Boston			
W 3rd Street	B Street to C Street	South Boston			
Athens Street	Haul Road to C Street	South Boston			

20-309-007

STREETS	LIMITS	Neighborhood
Blenford Road	Easement to Colborne Road	Allston/Brighton
Burton Street	Bellamy Street to #63	Allston/Brighton
Chestnut Hill Avenue	#55 to William Jackson Avenue	Allston/Brighton
Easement	Union Street to Blenford Road	Allston/Brighton
Easement	Nonantum Road to Newton Street	Allston/Brighton
Easement	Shepard Street to Shannon Street	Allston/Brighton
Hunnewell Avenue	Burton Street to Presentation Road	Allston/Brighton
Priscilla Road	#15 to #28	Allston/Brighton
Private Road	Shannon Street to Snow Street	Allston/Brighton
Shannon Street	#40-42 to Union Street	Allston/Brighton
Wallingford Road	Chestnut Hill Avenue to #88	Allston/Brighton
Annunciation Road	Ruggles Street to Prentiss Street & #60 to Parker Street	Fenway/Kenmore
Ruggles Street	Ruggles Upper Busway to Annunciation Road	Fenway/Kenmore
Parker Street	#540 to Prentiss Street	Jamaica Plain
Batchelder Street	Marshfield Street to Longmeadow Street	Roxbury
Marshfield Street	#56 to #9-11	Roxbury

20-309-006

STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Windham Road (ROSLINDALE)	Sherrin Avenue to #85 Windham Avenue	Roslindale	460	12	SS
Belgrade Avenue (ROSLINDALE)	Walworth Street to #142 Belgrade Avenue	Roslindale	175	10	SS
Woodhaven Street (NEPONSET/MATTAPAN)	Messinger Street to #51 Woodhaven Street	Neponset/Mattapan	155	12	SD
Easement (Tyndale Street ROSLINDALE)	#104 Tyndale Street to #261 Belgrade Avenue	Tyndale Street Roslindale	360	12	SS
Tyndale Street (ROSLINDALE)	#11 Tyndale Street to Walworth Street	Roslindale	235	12	SS
Easement (Ruskindale Road NEPONSET/MATTAPAN)	#24 Ruskindale Road to #80 Mariposa Street	Ruskindale Road Neponset/Mattapan	60	12	SS
Rockingham Road (NEPONSET/MATTAPAN)	#22 Rockingham Road to Cummins Highway	Neponset/Mattapan	245	12	SS
Rockingham Road (NEPONSET/MATTAPAN)	#22 Rockingham Road to Cummins Highway	Neponset/Mattapan	170	12	SD
River Street (NEPONSET/MATTAPAN)	River Street at Cummins Highway	Neponset/Mattapan	20	12	SS
Easement (Livermore Street NEPONSET/MATTAPAN)	Livermore Street to Kennebec Street	Livermore Street Neponset/Mattapan	225	10	SS
Neponsent Avenue (ROSLINDALE)	Wyvern Street to Byrd Avenue	Roslindale	230	12	SS
Neponsent Avenue (ROSLINDALE)	Wyvern Street to Byrd Avenue	Roslindale	250	12	W
Wyvern Street (ROSLINDALE)	Hyde Park Avenue to Florian Street	Roslindale	170	12	SD
Canterbury Street (ROSLINDALE)	Paine Street to American Legion Highway	Roslindale	120	12	SS
Balfour Street (ROXBURY/MISSION HILL)	Wayland Street to Dalkeith Street	Roxbury/Mission Hill	100	10	SS
Dove Street (ROXBURY/MISSION HILL)	Blue Hill Avenue to Dacia Street	Roxbury/Mission Hill	230	12	SD
Whitby Terrace (DORCHESTER)	Pleasant Street to End (#23 Whitby Street)	Dorchester	270	8	SS
Hartford Street (ROXBURY/MISSION HILL)	#43 Hartford Street to Sargent Street	Roxbury/Mission Hill	210	8	SS
Hartford Street (ROXBURY/MISSION HILL)	#43 Hartford Street to Chamblet Street	Roxbury/Mission Hill	190	12	CS
VFW Parkway (WEST ROXBURY)	#623 VFW Parkway to Brucewood Street	West Roxbury	460	12	SS
George Street (HYDE PARK)	Danbury Road to River Street	Hyde Park	625	12	SS
Tileston Street (HYDE PARK)	Radcliffe Road to Winborough Street	Hyde Park	480	12	SS
Tileston Street (HYDE PARK)	Mercer Street to Winborough Street	Hyde Park	245	24	SD
Peacevale Road (DORCHESTER)	Norfolk Street to #11 Peacevale Road	Dorchester	155	10	SS
Easement (Jones Avenue DORCHESTER)	#49 Jones Avenue to #134 Woodrow Street	Jones Avenue Dorchester	335	12	SS
Mountain Avenue (NEPONSET/MATTAPAN)	Dumas Street to #72 Mountain Avenue	Neponset/Mattapan	115	12	SD
Theodore Street (NEPONSET/MATTAPAN)	Middleton Street to #21 Theodore Street	Neponset/Mattapan	175	12	SD
Middleton Street (NEPONSET/MATTAPAN)	Theodore Street to Wildwood Street	Neponset/Mattapan	220	15	SD
Hildreth Street (NEPONSET/MATTAPAN)	Wildwood Street to #15 Hildreth Street	Neponset/Mattapan	125	18	SD
Sargent Street (ROXBURY/MISSION HILL)	Hartford Street to Howard Avenue	Roxbury/Mission Hill	465	12	SD
Sargent Street (ROXBURY/MISSION HILL)	Hartford Street to Howard Avenue	Roxbury/Mission Hill	400	12	SS
G Street (SOUTH BOSTON)	Thomas Park to Columbia Road	South Boston	760	8	CS
G Street (SOUTH BOSTON)	East Eighth Street to Columbia Road	South Boston	300	12	W

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STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Harrison Avenue	Meheua Cass Blvd to East Berkley	South End	5,335.00	16", 12", 30"	W
Harrison Avenue	Meheua Cass Blvd to East Berkley	South End	1,250.00	12", 18"	SS
Traveler Street	Washington Street to Harrison Avenue	South End	330	12"	W
Union Park Street	Washington Street to Harrison Avenue	South End	460	8"	W
Washington Street	Talbot Street to Park Street	Dorchester	1,935.00	12"	W
Washington Street	Richmond Street to Morton Street	Dorchester	230	12"	SS
Washington Street	Rugdale Road to 1014 Washington Street	Dorchester	180	12"	SS
Washington Street	1058 Washington Street to Saint Gregory Street	Dorchester	120	12"	SS

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STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Beverly Street/Lovejoy Wharf	Beverly Street ext. to Charles River Dam (DCR). Adj. DMH 26K451	City Proper/Central	14	60	DREL
Beverly Street/Lovejoy Wharf	Beverly Street ext. to Charles River Dam (DCR). Adj. DMH 26K451	City Proper/Central	1	12"x8"	TG-A
Beverly Street/Lovejoy Wharf	Beverly Street ext. to Charles River Dam (DCR). Adj. DMH 26K451	City Proper/Central	40	12	WREL
Beverly Street/Lovejoy Wharf	Beverly Street ext. to Charles River Dam (DCR) (26k536 to 26k535)	City Proper/Central	150	8	SLIN
Warren Street	Warren Street at Constitution Road (between 27k377 and 27k537)	Charlestown	1	84	DREL
Warren Street	Warren Street at Constitution Road (between 27k377 and 27k537)	Charlestown	1	8"x12"	TG-B
Warren Street	Warren Street at Constitution Road (27kV92 to 16" NL main)	Charlestown	30	12	WREL
Warren Street	Warren Street at Constitution Road (27kV100 to HYD 27k46)	Charlestown	70	16	WREL
Lewis Street	Lewis Street at East Pier Drive (between 26L82and 26Lsd084)	East Boston	14	24	DREL
Lewis Street	Lewis Street at East Pier Drive (between 26L82and 26Lsd084)	East Boston	1	12"x8"	TG-A
Seaport Boulevard	#150 Seaport Boulevard at B Street (between 23L217 and 23Lsd0195)	South Boston	14	36	DREL
Seaport Boulevard	#150 Seaport Boulevard at B Street (between 23L217 and 23Lsd0195)	South Boston	1	8"x12"	TG-B
Seaport Boulevard	#150 Seaport Boulevard at B Street (23Lred20 to 60' west)	South Boston	60	12	WREL

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STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Water Replacement					
Vine St	Chelsea Street to Bunker Hill	Charlestown	790	8	W
Bunker Hill St	Lowney Way to Allston	Charlestown	3,130	8, 8w12	W
Chelsea St	Constitution to Medford	Charlestown	1,720	12	W
School St	Main Street to Bunker Hill Street	Charlestown	1,350	16w8, 8	W
Bartlett Street	Monument Sq. to Pearl Street	Charlestown	2,860	10w12 SH/NL	W
		TOTAL WMREL	9,850		
Water Rehabilitation					
Bartlett Street	School Street to Pearl Street	Charlestown	310	10	W
		TOTAL WMLINE	310		
Sewer Replacement					
Vine St	at Moulton Street	Charlestown	25	12	SS
Bunker Hill St	Sackville Street to Lowney way	Charlestown	480	20w21,24	SS
Chelsea St	Constitution to Medford	Charlestown	745	12,15,18,30x39	SS
School St	Bunker Hill Street to Main Street	Charlestown	475	8,12w10	SS
		TOTAL SWREL	1,725		
Sewer Line					
Bunker Hill St	Lowney Way to Allston	Charlestown	1,070	12, 18, 20	SS
Vine Street	Chelsea Street to Bunker Hill	Charlestown	975	15, 39x41	SS
School St	Bunker Hill Street to Main Street	Charlestown	200	12	SS
		TOTAL SWLIN	2,245		
Drain Replacement					
Bunker Hill St	Lowney Way to Allston	Charlestown	310	18, 21	SD
Chelsea St	Constitution to Medford	Charlestown	700	12	SD
School St	Main to Bunker Hill	Charlestown	170	12	SD
		TOTAL DRREL	1180		
Drain Line					
Bunker Hill St	Lowney Way to Allston	Charlestown	795	15, 18	SD
Bartlett Street	Monument Sq. to Pearl Street	Charlestown	585	10,12,15	SD
School St	Bunker Hill Street to Main Street	Charlestown	325	24	SD
		TOTAL DRLIN	1,705		

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STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Bradlee St/Navarre	End under American Legion Hwy	Hyde Park	360	18	SSReplace
Clare Ave	Collins St to American Legion Hwy	Hyde Park	105	6	SSReplace
Coronado Rd	Belnel Rd to End	Hyde Park	225	10	SSReplace
Cummins Hwy	Harding Rd to American Legion Hwy	Roslindale	175	8	SSReplace
Cummins Hwy	Sycamore St to Florence St	Roslindale	105	12	SDReplace
Destefano Rd	Hyde Park Ave to End	Roslindale	330	10	SSReplace
Harding Rd	Stella Rd to Hadwin Wy	Roslindale	165	10	SDReplace
Hawthorne Ter	Hawthorne St to End	Roslindale	175	10	SDReplace
Hawthorne St	Florence St to End	Roslindale	415	15, 18	SD/SSReplace
Herbertson Rd	Eldridge Rd to Northnourne Rd	Roslindale	105	10	SSReplace
Huntington Ave	Collins St to Thatcher St	Roslindale	215	12	SSReplace
Hyde Park Ave	#497 to #515 Hyde Park Ave	Roslindale	115	12	SSReplace
Morton St	Blue Hill Ave to Leston St	Mattapan	340	12	SDReplace
Neponset Ave	Charme Ave to Byrd Ave	Roslindale	650	10	SDReplace
Philbrick St	Neponset Ave to Mount Hope St	Roslindale	205	10	SSReplace
Rodman St	Wachusett St to Patten St	Roslindale	295	12	SSReplace
Rowe St	Seymour St to Cummins Hwy	Roslindale	255	12	SSReplace
Sycamore St	Hawthorne St to Cummins Hwy	Roslindale	300	12	SSReplace
Verrill St	Woolson St to Morton St	Mattapan	205	10	SSReplace
Wachusett St	Rodman Rd to Patten St	Roslindale	315	10, 12	SDReplace
Wellington Hill St	Duke St to Hillsboro Rd	Mattapan	330	10	SSReplace
Wildwood St	Woolson St to Morton St	Mattapan	725	12	SSReplace
Wilkins Pl	Sycamore St to End	Roslindale	195	6	SSReplace
Wyvern	Grover Ave to Florian St	Roslindale	430	10	SSReplace

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STREETS	LIMITS	Neighborhood	PIPE LENGTH	SIZE	TYPE
Jersey Street	Boylston Street to Park Drive	Fenway Kenmore	925	12	WREL
Peterborough Street	Park Drive to Park Drive	Fenway Kenmore	1830	12	WREL
Jersey Street	Peterborough Street to Queensberry Street	Fenway Kenmore	320	18	SREL
Jersey Street	Boylston Street to Park Drive	Fenway Kenmore	515	18	SLIN
Jersey Street	Peterborough Street to Queensberry Street	Fenway Kenmore	290	34,36	DLIN
Peterborough Street	Public Alley 931 to Jersey Street	Fenway Kenmore	1075	30	SREL
Public Alley 931	Boylston Street to Peterborough Street	Fenway Kenmore	355	30	SREL
Peterborough Street	Park Drive to Jersey Street		1130	12,15	DREL



Boston Water and Sewer Commission

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