

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Solid Waste

Amounts in Thousands

517-001 Bowleys Lane NE Collection Yard Improvement

Description: Address safety and sanitation concerns at the Bowley's Lane Facility as cited in an OIG report. Projects include repaving the parking lot, constructing additional locker rooms, and renovating the office space.

Location: 6101 Bowleys Lane

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	1,224	500	0	0	0	0	0	1,724
Total	1,224	500	0	0	0	0	0	1,724

517-012 Quarantine Road Landfill Expansion

Description: Extend the capacity of the existing landfill beyond 2026 by combining the City's Quarantine Road Landfill and the former Millennium Landfill into a single landfill and constructing additional cells.

Location: 6100 Quarantine Road

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	3,700	3,000	3,000	3,000	3,000	3,000	3,000	21,700
Total	3,700	3,000	3,000	3,000	3,000	3,000	3,000	21,700

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Solid Waste

Amounts in Thousands

517-019 Less Waste, Better Baltimore Improvements

Description: The "Less Waste, Better Baltimore" master planning process is underway and the final report will identify recommendations to improve solid waste diversion, recycling, and disposal. Funding will support implementation of the plan's recommendations.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
100 General Obligation Bonds	0	500	1,000	1,000	1,000	1,000	1,000	5,500
Total	0	500	1,000	1,000	1,000	1,000	1,000	5,500

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Storm Water Program

Amounts in Thousands

520-013 Patapsco Avenue Drainage

Description: Resolve flooding issues along Patapsco Avenue by evaluating contributing drainage areas and the capacity of the existing storm drain network and making the necessary upgrades.

Location: 2410-2498 West Patapsco Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	9,054	0	3,726	0	0	0	0	12,780
305 Stormwater Revenue Bonds	0	0	Zero	0	0	0	0	0
405 Stormwater Utility Funds	2,015	0	0	0	0	0	0	2,015
Total	11,069	0	3,726	0	0	0	0	14,795

520-049 SDC-7773 Gwynns Falls Drainage

Description: Evaluate the Frederick Avenue corridor in southwest Baltimore, which has been subject to repeated urban flooding going back to at least the early 1970s.

Location: Gwynns Falls

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	0	0	24,743	0	0	24,743
Total	0	0	0	0	24,743	0	0	24,743

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Storm Water Program

Amounts in Thousands

520-051 SDC-7774 Baltimore Harbor Drainage

Description: Due to complaints of flooding in the Harbor Watershed area, DPW will conduct a study for the design and construction of the storm drain system to determine the storm drain flow capacity, possible damage to the system and causes of sump area.

Location: Citywide

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	0	595	2,500	0	0	3,095
405 Stormwater Utility Funds	0	0	324	540	3,818	0	0	4,682
Total	0	0	324	1,135	6,318	0	0	7,777

520-052 SDC-7776 Urgent Needs Small Storm Drain Rehab JOC #1

Description: The storm drain network is very old and has shown signs of failure. Sinkhole in 2300 block of East Monument Street is an example of failure due to edging. This project will repair as necessary to ensure that the system meets City standards.

Location: Citywide

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	1,111	3,159	0	0	0	0	0	4,270
Total	1,111	3,159	0	0	0	0	0	4,270

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Storm Water Program

Amounts in Thousands

520-054 Stormwater Hydraulic Modeling

Description: Conduct stormwater hydraulic modeling to provide in-depth and accurate condition assessment and asset management for approximately 1,500 miles of the City's stormwater gray infrastructure.

Location: Citywide

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	4,000	18,000	0	0	0	0	0	22,000
Total	4,000	18,000	0	0	0	0	0	22,000

520-055 MS4 Permit Requirements

Description: The Maryland Department of the Environment (MDE) will reissue a National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer (MS4) permit to the City of Baltimore. Implement projects as required by new permit.

Location: Citywide

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	4,600	5,000	45,000	0	0	0	0	54,600
Total	4,600	5,000	45,000	0	0	0	0	54,600

520-057 Drainage Repairs and Improvements at various Locations FY2022

Description: The stormdrain network is very old and has shown signs of failure. This project will rehabilitate, replace and repair as necessary to improve the City's storm drain system and ensure that the system meets City standards.

Location: Citywide

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	5,865	0	0	0	0	5,865
Total	0	0	5,865	0	0	0	0	5,865

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Storm Water Program

Amounts in Thousands

520-060 Drainage Repairs and Improvements at various Locations FY2024

Description: The storm drain network is very old and has shown signs of failure. This project will rehabilitate, replace and repairs as necessary to improve the City's storm drain system and ensure that the system meets City standards.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	0	0	5,865	0	0	5,865
Total	0	0	0	0	5,865	0	0	5,865

520-061 SDC-TBD- Drainage Repairs and Improvements at various Locations FY2026

Description: The stormdrain network is very old and has shown signs of failure. This project will rehabilitate, replace and repair as necessary to improve the City's storm drain system and ensure that the system meets City standards.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	0	0	0	0	5,865	5,865
Total	0	0	0	0	0	0	5,865	5,865

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Storm Water Program

Amounts in Thousands

520-063 SDC-7778 Urgent Needs Small Storm Drain Rehab JOC #2

Description: The storm drain network is very old and has shown signs of failure. Sinkhole in 2300 block of East Monument Street is an example of failure due to edging. This project will repair as necessary to ensure that the system meets City standards.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	3,069	0	0	0	0	0	3,069
405 Stormwater Utility Funds	216	1,500	0	0	0	0	0	1,716
Total	216	4,569	0	0	0	0	0	4,785

520-064 CIP & IPF (StormWater)

Description: This project is for the acquisition and deployment of CIP management software, which includes an Integrated Planning Framework to rank and evaluate capital projects under criteria such as funding sources, reducing complaints, and promoting equity.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	250	314	0	0	0	0	0	564
Total	250	314	0	0	0	0	0	564

City of Baltimore - Six Year Capital Program
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Amounts in Thousands

520-069 North Point Road Improvements

Description: Improvements to the storm drain system at North Point Boulevard at Quad Avenue in the Back River Watershed.

Location: North Point Boulevard at Quad Avenue Watershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	6,372	0	0	0	0	6,372
405 Stormwater Utility Funds	979	0	0	0	0	0	0	979
Total	979	0	6,372	0	0	0	0	7,351

520-400 Pulaski Highway Storm Water Improvements

Description: Alleviate erosion and flooding at Pulaski Highway and Monument Street. This project helps meet the mandates of the City's Maryland Department of the Environment (MDE) Municipal Separate Storm Sewer (MS4) permit.

Location: Pulaski Highway and Monument Street

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	4,385	0	0	0	0	4,385
Total	0	0	4,385	0	0	0	0	4,385

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Storm Water Program

Amounts in Thousands

520-715 Northeast Baltimore Drainage Improvements

Description: This project includes the design and construction of storm drain system improvements associated with the neighborhoods of Beverly Hills and Arcadia, in order to address persistent flooding problems.

Location: Northeast Baltimore

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	0	3,162	0	0	0	3,162
305 Stormwater Revenue Bonds	0	0	0	Zero	0	0	0	0
405 Stormwater Utility Funds	1,009	0	0	376	0	0	0	1,385
Total	1,009	0	0	3,538	0	0	0	4,547

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Amounts in Thousands

525-002 Basin Inserts Project 11-20

Description: This project includes the planning, design, and installation of 250 inlet screens/catch basin inserts in order to decrease trash loadings into the storm pipe networks and waterways. It addresses the upcoming trash Total Maximum Daily Load (TMDL).

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	194	366	0	0	0	0	0	560
Total	194	366	0	0	0	0	0	560

525-004 Small Stormwater Management Pond BMP

Description: The Stormwater Management Pond (SWM) proposed at the Clifton Park site will be designed to restore an equivalent of approximately 15 acres of impervious area. The proposed restoration work will include a new construction pond.

Location: CityWide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	11,707	0	0	0	3,791	0	0	15,498
305 Stormwater Revenue Bonds	0	0	0	0	Zero	0	0	0
405 Stormwater Utility Funds	3,293	0	0	0	0	0	0	3,293
Total	15,000	0	0	0	3,791	0	0	18,791

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Pollution/Erosion Control

Amounts in Thousands

525-018 ER-4126 (ER-4106)| Environmental Restoration Bundle 10 - Small SWM BMP 13

Description: Identify and prioritize cost-effective (capital and maintenance cost) best management practices (BMPs) such as curb bump out, bioretentions, grass swale.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	402	0	0	1,372	0	0	0	1,774
305 Stormwater Revenue Bonds	0	0	0	Zero	0	0	0	0
Total	402	0	0	1,372	0	0	0	1,774

525-025 ESD: Orchard Ridge / Armistead Gardens - ER-4130 (ER-4083)|Environmental Restoration Bundle 15

Description: The Baltimore City Department of Public Works (DPW) is required to install Best Management Practices (BMPs) that reduce and treat stormwater entering its waterways per its federal Municipal Separate Storm Sewer System (MS4) Permit.

Location: Orchard Ridge, Armistead Gardens

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	492	435	0	0	0	0	0	927
305 Stormwater Revenue Bonds	0	Zero	0	0	0	0	0	0
405 Stormwater Utility Funds	318	0	0	0	0	0	0	318
Total	810	435	0	0	0	0	0	1,245

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Agency Request for: DPW: Pollution/Erosion Control

Amounts in Thousands

525-030 Dead Run Stream Restoration Project 1 (Hunting Ridge) - ER-4121 (ER-4050)

Description: Stream will be stabilized to help meet the City's Municipal Separate Storm Sewer (MS4) permit requirement for offsetting impervious area, meeting total maximum daily loads (TMDL's) for pollution and trash, and reducing nutrients and sediments.

Location: 605 Dryden Drive

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	125	767	1,516	0	0	0	0	2,408
305 Stormwater Revenue Bonds	0	Zero	Zero	0	0	0	0	0
405 Stormwater Utility Funds	139	250	0	0	0	0	0	389
Total	264	1,017	1,516	0	0	0	0	2,797

525-034 ER-4121|Herring Run 84" Water Main Stream Restoration

Description: The proposed repair works includes but is not limited to stream restoration, streambank stabilization, repairing stream eroded section, and providing permanent protection for 84" water main.

Location: Herring Run Stream

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	2,484	0	0	21,195	0	0	0	23,679
405 Stormwater Utility Funds	0	0	0	3,159	0	0	0	3,159
Total	2,484	0	0	24,354	0	0	0	26,838

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Pollution/Erosion Control

Amounts in Thousands

525-036 Environmental Restoration Bundle 3 - Franklin Town Blvd Culvert Stream Restoration ER-4122 (ER-4031)

Description: The N. Franklinton Road Stream Restoration Project represents the evaluation of approximately 1,100 linear feet (LF) of stream length including approximately 480 LF of an unnamed tributary to Franklinton Tributary.

Location: Franklin Town Blvd Culvert Stream

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	1,728	0	4,228	0	0	0	0	5,956
Total	1,728	0	4,228	0	0	0	0	5,956

525-038 Bioretention Areas (Masonville and GGI) | ER-4098

Description: Future environmental site design projects such as bioretention and lot greening projects to be installed to meet the Municipal Separate Storm Sewer (MS4) permit requirements.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	0	0	0	1,516	0	1,516
305 Stormwater Revenue Bonds	0	0	0	0	0	Zero	0	0
405 Stormwater Utility Funds	0	0	0	486	0	0	0	486
Total	0	0	0	486	0	1,516	0	2,002

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Pollution/Erosion Control

Amounts in Thousands

525-040 Jones Fall Drainage - Improvement (SDC 7795)

Description: This drainage improvement project is located in sump area where streets experience periodic flooding and closure during intense storm events. The project will provide engineering solutions to resolve the flooding and improve drainage in the sump area.

Location: Jones Falls

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	5,995	0	0	0	0	5,995
405 Stormwater Utility Funds	864	0	0	918	0	0	0	1,782
Total	864	0	5,995	918	0	0	0	7,777

525-044 ER-4137 Lower Stony Run Reach 3 Repair

Description: Evaluate and repair approximately 900 linear feet of stream length along the Lower Stony Run.

Location: Lower Stony Run

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	0	0	0	1,896	0	1,896
405 Stormwater Utility Funds	652	0	0	0	0	0	0	652
Total	652	0	0	0	0	1,896	0	2,548

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Agency Request for: DPW: Pollution/Erosion Control

Amounts in Thousands

525-045 Western Run at Kelly Avenue - ER-4122 (ER-4028)|Environmental Restoration 3

Description: Western Run at Kelly Avenue Stream Restoration Project represents the evaluation of approximately 2,800 linear feet (LF) of stream length subdivided into two reaches, as well as approximately 1,260 LF of an unnamed tributary to Western Run.

Location: Kelly Avenue Stream

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	2,000	4,471	0	0	0	0	0	6,471
405 Stormwater Utility Funds	82	0	0	0	0	0	0	82
Total	2,082	4,471	0	0	0	0	0	6,553

525-051 ER-4076|Large Debris Collection System 5

Description: Debris collector will collect floatable waste and organic debris in stream to remove from the inner harbor. Installation of device will assist in meeting goals for Municipal Separate Storm Sewer (MS4) permit and Trash Total Maximum Daily Load (TMDL).

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	0	0	0	2,160	0	2,160
405 Stormwater Utility Funds	0	0	0	0	540	168	0	708
Total	0	0	0	0	540	2,328	0	2,868

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Pollution/Erosion Control

Amounts in Thousands

525-055 ER-4096|Large Debris Collection System 10

Description: Debris collector will collect floatable waste and organic debris in stream to remove from the inner harbor. Installation of device will assist in meeting goals for Municipal Separate Storm Sewer (MS4) permit and Trash Total Maximum Daily Load (TMDL).

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	0	0	0	540	2,328	2,868
Total	0	0	0	0	0	540	2,328	2,868

525-057 ER-4055|Urgent Need Stream Repair 2

Description: Maintain streams from previous restoration projects, as required by the City and United States Army Corps of Engineers in order to maintain credits under the Municipal Separate Storm Sewer (MS4) permit.

Location: 4403 Frederick Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	5,490	0	0	0	0	0	5,490
Total	0	5,490	0	0	0	0	0	5,490

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Pollution/Erosion Control

Amounts in Thousands

525-403 Urgent Need Stream Repair Projects 1-3

Description: Repair and restore streambeds severely damaged by storms. Construct small Best Management Practices to mitigate future storm damage.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	1,672	0	1,467	0	4,329	0	0	7,468
305 Stormwater Revenue Bonds	0	0	Zero	0	Zero	0	0	0
405 Stormwater Utility Funds	1,467	0	0	0	0	0	0	1,467
Total	3,139	0	1,467	0	4,329	0	0	8,935

525-405 Citywide Stream Restoration

Description: Restore streambeds in Lower Moore`s Run, Biddison Run, Powder Mill Run, Chinquapin Run, Lower Stony Run, and other locations as required by the MDE/EPA NPDES Permit to restore polluted stream water to measurable fishable and swimmable conditions.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	68,495	7,000	0	0	0	0	0	75,495
405 Stormwater Utility Funds	11,865	0	0	0	0	0	0	11,865
405 Stormwater Utility Funds	0	0	0	0	0	0	0	0
Total	80,360	7,000	0	0	0	0	0	87,360

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Amounts in Thousands

525-407 Large Stormwater BMP

Description: The proposed restoration works include sediment removal, outfall structure retrofitting of low flow orifices in order to minimize clogging, in-place retrofit of in-stream trash interceptor. Repair of eroded areas and isolated re-vegetation security fence.

Location: Citywide

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	12,646	0	0	1,400	0	0	0	14,046
Total	12,646	0	0	1,400	0	0	0	14,046

525-448 Harbor Debris Collectors

Description: Debris collector will collect floatable waste and organic debris from the inner harbor. Installation of device will assist in meeting goals for Municipal Separate Storm Sewer (MS4) permit and Trash Total Maximum Daily Load (TMDL).

Location: Citywide

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	0	0	540	3,407	4,656	540	2,327	11,470
Total	0	0	540	3,407	4,656	540	2,327	11,470

525-995 Biddison Run Stream Restoration

Description: DPW did a study that identified two reaches of stream in Biddison Run Stream. DPW is targeting a restoration of approximately 6900 linear feet of stream starting at the emergence of Biddison Run from the Sipple Ave culvert outfall.

Location: Biddison Run Stream Upstream of Moravia Road

					Impact on FY 2021 Operating Budget : 0			
Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
305 Stormwater Revenue Bonds	817	0	8,337	0	0	0	0	9,154
Total	817	0	8,337	0	0	0	0	9,154

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Amounts in Thousands

551-006 Project 1269 WC-1390 |210 Guilford Street Office Renovations (Wastewater)

Description: Acquire and renovate office building to house Bureau of Water and Wastewater staff in compliance with Americans with Disabilities Act (ADA) regulations. See 557-003.

Location: 210 Guilford Street

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	1,148	0	12,555	0	0	0	0	13,703
Total	1,148	0	12,555	0	0	0	0	13,703

551-008 SC-935|Back River Sparrows Point Alternative Outfall

Description: Evaluate existing Sparrow Point Outfall to determine options for continued use. Design and construct identified improvements.

Location: 8201 Eastern Boulevard

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	1,134	0	16,200	0	0	0	0	17,334
700 County Grants	1,134	0	16,200	0	0	0	0	17,334
Total	2,268	0	32,400	0	0	0	0	34,668

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Amounts in Thousands

551-019 SC-988 Patapsco WWTP Secondary Reactor Rehabilitation

Description: Rehabilitate the concrete structure and update the equipment of the Secondary Reactors at Patapsco Waste Water Treatment Plan (WWTP).

Location: 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	1,382	0	17,798	0	0	0	0	19,180
700 County Grants	2,938	0	37,822	0	0	0	0	40,760
Total	4,320	0	55,620	0	0	0	0	59,940

551-022 Eastern Avenue Pump Station Rehabilitation

Description: Upgrade existing Eastern Avenue Wastewater Pumping Station

Location: 751 Eastern Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	1,834	23,906	0	0	0	0	0	25,740
700 County Grants	1,834	0	0	0	0	0	0	1,834
Total	3,668	23,906	0	0	0	0	0	27,574

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551-027 Patapsco WWTP Headworks Upgrade

Description: Evaluate capacity of Patapsco Wastewater Treatment Plant (WWTP) primary and influent facilities to handle anticipated future flows.

Location: 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	5,914	26,106	0	0	0	0	0	32,020
700 County Grants	12,566	55,474	0	0	0	0	0	68,040
Total	18,480	81,580	0	0	0	0	0	100,060

551-030 SC-1326 SCADA Single Platform

Description: Funds are needed to upgrade the Supervisory Control and Data Acquisition (SCADA) network to monitor and control critical operations.

Location: 3501 Asiatic Avenue, 8201 Eastern Boulevard

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	3,173	346	0	0	4,039	0	7,558
700 County Grants	0	3,367	734	0	0	8,582	0	12,683
Total	0	6,540	1,080	0	0	12,621	0	20,241

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-036 SC-990 Patapsco WWTP Administration Building Repairs, Rehabilitation & Upgrades

Description: Patapsco Administration Building was commissioned 38 years ago and is in need of upgrades to the fire alarm and suppression.

Location: 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	501	0	6,480	0	0	0	0	6,981
700 County Grants	1,065	0	13,770	0	0	0	0	14,835
Total	1,566	0	20,250	0	0	0	0	21,816

551-040 SC-945R|Herring Run, Outfall, High Level and Dundalk Sewersheds Inspection and Analysis

Description: The scope of this project includes the evaluation of the wastewater collection system in Baltimore City Sewersheds.

Location: Herring Run, Outfall, High Level and Dundalk Sewersheds

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	12,510	833	0	0	0	0	0	13,343
Total	12,510	833	0	0	0	0	0	13,343

551-041 SC-946R|Low Level and Jones Falls Sewersheds Inspection and Analysis

Description: The scope of this project includes the evaluation of the wastewater collection system in Baltimore City Sewersheds.

Location: Low Level and Jones Falls Sewersheds

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	201	0	0	0	0	0	201
Total	0	201	0	0	0	0	0	201

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-042 SC-947R Engineering Services For Inspection and Analysis of Baltimore City Wastewater Collection Sys

Description: The scope of this project includes the evaluation of the wastewater collection system in Baltimore City Sewersheds.

Location: Gwynns Falls and Patapsco Sewersheds

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	700	0	0	0	0	0	700
Total	0	700	0	0	0	0	0	700

551-044 SC-957|Arc Flash Electrical Systems Upgrade at WW Pumping Stations

Description: Upgrade, replace or rehabilitate critical electrical and control systems at the wastewater pump stations throughout the DPW collection.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	402	0	3,996	0	0	0	0	4,398
700 County Grants	402	0	3,996	0	0	0	0	4,398
Total	804	0	7,992	0	0	0	0	8,796

551-047 SC-978 Small Diameter Sewer Main Replacements In Roland Park Of The Jones Falls Sewershed

Description: The project will prevent sanitary sewer overflows (SSOs), reduce infiltration and inflow and address capacity problems.

Location: Roland Park

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	11,258	3,700	0	0	0	0	0	14,958
Total	11,258	3,700	0	0	0	0	0	14,958

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-052 SC-986|Back River Deep Manhole PST Drainage & Outfall Channel

Description: Improve the Deep Manhole drainage system in Back River Wastewater Treatment Plant (WWTP) to reduce maintenance.

Location: 8201 Eastern Boulevard

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	324	0	3,078	0	0	0	0	3,402
700 County Grants	324	0	3,078	0	0	0	0	3,402
Total	648	0	6,156	0	0	0	0	6,804

551-058 Rehabilitation at the Activated Plants

Description: Funds are needed for Back River WWTP miscellaneous rehabilitation, repair, and/or replacement of wastewater treatment facility.

Location: 8201 Eastern Boulevard, 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	1,404	0	17,496	0	0	0	0	18,900
700 County Grants	1,404	0	17,496	0	0	0	0	18,900
Total	2,808	0	34,992	0	0	0	0	37,800

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-059 Patapsco Low Lift PS Rehabilitation

Description: Rehabilitate, repair, and/or replace wastewater treatment facility systems to maintain operations functionality and performance reliability.

Location: 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	536	4,631	0	0	0	5,167
700 County Grants	0	0	1,138	9,841	0	0	0	10,979
Total	0	0	1,674	14,472	0	0	0	16,146

551-061 Back River Blower House No. 1 Renovations

Description: The Back River Wastewater Treatment Plant Blower Building is in need of repair, rehabilitation and replacement of critical components.

Location: 8201 Eastern Boulevard

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	292	0	0	0	292
401 Waste Water Utility Funds	0	0	0	0	3,887	0	0	3,887
700 County Grants	0	0	0	292	3,888	0	0	4,180
Total	0	0	0	584	7,775	0	0	8,359

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-062 High Level Sewershed Inflow and Infiltration Reduction - Project 01

Description: The purpose of the comprehensive rehabilitation of the sanitary sewer meter basins is to remove rainfall dependent Inflow/Infiltration.

Location: High Level Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	23,515	0	0	0	0	23,515
Total	0	0	23,515	0	0	0	0	23,515

551-064 Herring Run Sewershed Inflow and Infiltration Reduction - Project 03

Description: Comprehensive rehabilitation of the assets for reduction of Inflow and infiltration (I&I) in the HR02B,04 and 10 basins.

Location: Herring Run Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	6,907	0	0	0	0	0	6,907
Total	0	6,907	0	0	0	0	0	6,907

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-065 Post Construction Wet Weather Flow Monitoring

Description: After completion of Phase I of the Modified Consent Decree, a Post Construction Flow Monitoring (PCFM) and assessment period shall commence.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	1,537	0	0	0	0	1,537
700 County Grants	0	0	1,703	0	0	0	0	1,703
Total	0	0	3,240	0	0	0	0	3,240

551-066 Lower Level Phase II Sewershed Improvements for 5-Year Hybrid LOP (LL-3_Conveyance Upgrade)

Description: The purpose of the rehab of the sanitary sewer meter basins is to remove rainfall dependent Inflow/Infiltration (I/I) and reclaim the lost capacity.

Location: Lower Level Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	0	4,266	0	0	4,266
700 County Grants	0	0	0	0	54	0	0	54
Total	0	0	0	0	4,320	0	0	4,320

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-068 Outfall Phase II Sewershed Improvements for 5 Year Storm LOP

Description: Remove rainfall dependent Inflow/Infiltration (I/I) and reclaim the lost capacity in the affected sewers.

Location: Outfall Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	5,411	0	0	35,232	40,643
401 Waste Water Utility Funds	0	0	0	0	0	0	42,793	42,793
700 County Grants	0	0	0	4,646	0	0	67,002	71,648
Total	0	0	0	10,057	0	0	145,027	155,084

551-069 Herring Run Phase II Sewershed Improvements for 5 year LOP (HR-3_Conveyance Upgrade)

Description: The purpose of the comprehensive rehabilitation of the sanitary sewer meter basins is to remove rainfall dependent Inflow/Infiltration (I/I).

Location: Herring Run

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	0	3,033	0	0	3,033
700 County Grants	0	0	0	0	855	0	0	855
Total	0	0	0	0	3,888	0	0	3,888

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-071 Gwynns Falls Phase II Sewershed Improvements for 5 year LOP (GF-2_Conveyance Upgrade)

Description: The purpose of the comprehensive rehabilitation of the sanitary sewer meter basins is to remove rainfall dependent Inflow/Infiltration (I/I) and reclaim the lost capacity in the affected sewers.

Location: Gwynns Falls

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	3,138	0	0	35,703	38,841
700 County Grants	0	0	0	5,502	0	0	62,599	68,101
Total	0	0	0	8,640	0	0	98,302	106,942

551-073 Proj-1263|Amendment #1 Flow Monitoring

Description: Monitor Rainfall and flows in the sanitary sewer system and sanitary sewer overflows structures, and provide associated data.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	2,493	0	0	0	0	0	2,493
700 County Grants	0	3,284	0	0	0	0	0	3,284
Total	0	5,777	0	0	0	0	0	5,777

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-077 Rehabilitation at the Secondary Treatment Process

Description: Miscellaneous rehabilitation, repair, and/or replacement of wastewater treatment facility systems to maintain operations functionality.

Location: 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	553	0	4,216	0	0	0	0	4,769
401 Waste Water Utility Funds	0	0	415	0	0	0	0	415
700 County Grants	1,175	0	9,841	0	0	0	0	11,016
Total	1,728	0	14,472	0	0	0	0	16,200

551-084 SC-994 Patapsco WWTP Clarifier & Thickener Rehab

Description: Provide painting, sandblasting and special coatings to eight secondary clarifiers and three gravity sludge thickener.

Location: 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	259	0	2,039	156	0	0	0	2,454
700 County Grants	551	0	4,333	330	0	0	0	5,214
Total	810	0	6,372	486	0	0	0	7,668

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-088 SC-995|Miscellaneous Pump Station Rehab

Description: Funding needed for rehabilitation, repair, replacement and/or maintenance of citywide wastewater pumping stations.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	620	0	6,696	0	0	0	0	7,316
700 County Grants	620	0	6,696	0	0	0	0	7,316
Total	1,240	0	13,392	0	0	0	0	14,632

551-090 Dundalk Pump Station Rehabilitation

Description: The existing raw wastewater pumps are aging and in need of replacement.

Location: 2203 Broening Highway

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	54	540	8,046	0	0	0	0	8,640
700 County Grants	54	540	8,046	0	0	0	0	8,640
Total	108	1,080	16,092	0	0	0	0	17,280

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-091 Activated Plant 3 Rehab at BRWWTP

Description: Funds are needed for the rehabilitation, repair, and/or replacement of systems to maintain operations functionality.

Location: 8201 Eastern Boulevard

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	918	0	8,586	0	0	0	0	9,504
700 County Grants	918	0	8,586	0	0	0	0	9,504
Total	1,836	0	17,172	0	0	0	0	19,008

551-092 SC-TBD|Back River WWTP Rapid Sludge Loading Facility Rehabilitation

Description: Rehabilitate the rapid sludge loading facility at the Back River Wastewater Treatment Plant.

Location: 8201 Eastern Boulevard

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	291	3,240	0	0	0	0	0	3,531
700 County Grants	292	3,240	0	0	0	0	0	3,532
Total	583	6,480	0	0	0	0	0	7,063

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-093 SC-996|Back River WWTP Sludge Storage and DAF No. 3 and 4 Renovations

Description: Renovations to the sludge storage and dissolved air flotation No. 3 and 4 at Back River Wastewater Treatment Plant.

Location: 8201 Eastern Boulevard

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	602	4,212	0	0	0	0	0	4,814
700 County Grants	602	4,212	0	0	0	0	0	4,814
Total	1,204	8,424	0	0	0	0	0	9,628

551-094 High Rate Facility Renovation at BRWWTP

Description: The existing High Rate Facility Building is nearing 50 years old and requires renovations for continued reliable service and extending service life.

Location: 8201 Eastern Boulevard

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	945	0	0	7,452	0	0	0	8,397
700 County Grants	945	0	0	7,452	0	0	0	8,397
Total	1,890	0	0	14,904	0	0	0	16,794

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-095 Patapsco Sludge Digestion Facilities

Description: Rehabilitation of Sludge Digestion Facilities at Patapsco Wastewater Treatment Plant.

Location: 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	1,728	69	0	0	0	1,797
700 County Grants	0	0	3,672	147	0	0	0	3,819
Total	0	0	5,400	216	0	0	0	5,616

551-096 Patapsco WWTP Fine Screen Facility Rehab

Description: Rehabilitate the concrete structure and update the equipment of the Fine Screen Facility at Patapsco Wastewater Treatment Plant (WWTP).

Location: 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	428	0	0	0	0	0	0	428
401 Waste Water Utility Funds	0	0	4,724	0	0	0	0	4,724
700 County Grants	847	0	10,039	0	0	0	0	10,886
Total	1,275	0	14,763	0	0	0	0	16,038

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-098 Quad Avenue Pumping Station Rehabilitation

Description: The existing raw wastewater pumps are aging and in need of replacement.

Location: 701 North Point Road

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	594	3,888	324	0	0	0	0	4,806
Total	594	3,888	324	0	0	0	0	4,806

551-101 Gwynns Falls Sewershed Inflow and Infiltration Reduction - Project 01

Description: The purpose of the comprehensive rehabilitation of the sanitary sewer meter basins is to remove rainfall dependent Inflow/Infiltration.

Location: Gwynns Falls Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	11,405	0	0	0	0	0	11,405
401 Waste Water Utility Funds	0	11,405	0	0	0	0	0	11,405
Total	0	22,810	0	0	0	0	0	22,810

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-108 Low Level Sewershed Inflow and Infiltration Reduction - Project 01

Description: Comprehensive rehabilitation of the assets for reduction of Inflow and infiltration (I&I) in the LL15,18,20,21 and JF14 basins.

Location: Low Level Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	1,265	0	0	0	0	0	1,265
401 Waste Water Utility Funds	0	0	0	16,490	0	0	0	16,490
Total	0	1,265	0	16,490	0	0	0	17,755

551-111 Low Level Sewershed Inflow and Infiltration Reduction - Project 02

Description: Comprehensive rehabilitation of the assets for reduction of Inflow and infiltration (I&I) in the LL03, 04, 10, and 14 basins.

Location: Low Level Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	1,390	0	0	0	0	0	1,390
401 Waste Water Utility Funds	0	0	0	10,622	0	0	0	10,622
Total	0	1,390	0	10,622	0	0	0	12,012

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-112 Low Level Sewershed Inflow and Infiltration Reduction - Project 03

Description: Comprehensive rehabilitation of the assets for reduction of Inflow and infiltration (I&I) in the LL29A,38,42,45 and HL21 basins.

Location: Low Level Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	1,279	0	19,750	0	0	0	21,029
Total	0	1,279	0	19,750	0	0	0	21,029

551-115 Herring Run Sewershed Inflow and Infiltration Reduction - Project 01

Description: Comprehensive rehabilitation of the assets for reduction of Inflow and infiltration (I&I) in the HR19,20, 22, 24, 27B, 29, 31, 32 and JF 28 basins.

Location: Herring Run Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	13,648	0	0	0	0	0	13,648
401 Waste Water Utility Funds	0	13,648	0	0	0	0	0	13,648
Total	0	27,296	0	0	0	0	0	27,296

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-116 Herring Run Sewershed Inflow and Infiltration Reduction - Project 02

Description: Comprehensive rehabilitation of the assets for reduction of Inflow and infiltration (I&I) in the HR8, 17, 27A, 28, 35, 36, 38, 44 and 46 basins.

Location: Herring Run Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	14,042	0	0	0	0	0	14,042
401 Waste Water Utility Funds	0	14,042	0	0	0	0	0	14,042
Total	0	28,084	0	0	0	0	0	28,084

551-117 Low Level Sewershed Inflow and Infiltration Reduction - Project 05

Description: Comprehensive rehabilitation of the assets for reduction of Inflow and infiltration (I&I) in the HR02B,04 and 10 basins.

Location: Low Level Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	699	0	7,205	0	0	0	7,904
Total	0	699	0	7,205	0	0	0	7,904

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-123 Patapsco WWTP Primary Settling Tanks, Fine Screen Facility, Misc. Rehab

Description: This project is to provide rehabilitation to the primary settling tanks and fine screen facility.

Location: 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	691	0	7,776	0	0	0	8,467
700 County Grants	0	1,469	0	16,524	0	0	0	17,993
Total	0	2,160	0	24,300	0	0	0	26,460

551-125 WC-1372 AMI/R Urgent Need Large Meters (>3") (Wastewater)

Description: Replacement of existing, aged cast iron water main piping with ductile iron piping including valves, hydrants, and other appurtenances.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
401 Waste Water Utility Funds	4	2,495	0	0	0	0	0	2,499
Total	4	2,495	0	0	0	0	0	2,499

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-126 WC-1373 AM/R Urgent Need Large Meters (>3") (Wastewater)

Description: Replacement of existing, aged cast iron water main piping with ductile iron piping including valves, hydrants, and other appurtenances.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
401 Waste Water Utility Funds	0	2,499	0	0	0	0	0	2,499
Total	0	2,499	0	0	0	0	0	2,499

551-127 WC-1248 Water Utility Billing System (Wastewater)

Description: The UMAX system is a technology platform of which the Baltimore City implemented for its financial and enterprise resource planning. With this implementation, the UMAX platform will provide enhanced billing and customer self-service initiatives.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
401 Waste Water Utility Funds	0	3,000	0	0	0	0	0	3,000
Total	0	3,000	0	0	0	0	0	3,000

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-131 SC-883|Effluent Filter Rehabilitation at Back River WWTP

Description: The purpose of this project is to increase facility sludge production requiring improvements to the existing aging system.

Location: 8201 Eastern Boulevard

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	1,350	0	0	0	1,350
401 Waste Water Utility Funds	0	0	0	0	0	18,360	0	18,360
700 County Grants	0	0	0	1,350	0	18,360	0	19,710
Total	0	0	0	2,700	0	36,720	0	39,420

551-132 Jones Falls Sewershed Inflow and Infiltration Reduction - Project 01

Description: The purpose of the comprehensive rehabilitation of the meter basins is to remove rainfall dependent Inflow/Infiltration (I/I).

Location: Jones Falls Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	17,508	0	0	0	0	17,508
Total	0	0	17,508	0	0	0	0	17,508

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-133 Jones Falls Sewershed Inflow and Infiltration Reduction - Project 02

Description: Rehabilitation of the sanitary sewer meter basins to remove rainfall dependent Inflow/Infiltration (I/I) and reclaim the lost capacity.

Location: Jones Falls Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	1,253	0	0	0	0	1,253
401 Waste Water Utility Funds	0	0	0	0	33,115	0	0	33,115
Total	0	0	1,253	0	33,115	0	0	34,368

551-134 Jones Falls Sewershed Inflow and Infiltration Reduction - Project 03

Description: The purpose of the comprehensive rehabilitation of the sanitary sewer meter basins is to remove rainfall dependent Inflow/Infiltration (I/I).

Location: Jones Falls Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	15,190	0	0	0	0	15,190
Total	0	0	15,190	0	0	0	0	15,190

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-137 LL04-Low Level Sewershed Inflow and Infiltration Reduction-Project 04

Description: The purpose of the comprehensive rehabilitation of the sanitary sewer meter basins is to remove rainfall dependent Inflow/Infiltration (I/I).
 Location: Low Level Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	15,716	0	0	0	15,716
Total	0	0	0	15,716	0	0	0	15,716

551-138 Inflow and infiltration reduction in various locations in the Baltimore City - Project 01

Description: Rehabilitation of the sanitary sewer meter basins is to remove rainfall dependent Inflow/Infiltration (I/I) and reclaim the lost capacity in the affected sewers.
 Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	2,139	0	22,591	0	0	24,730
Total	0	0	2,139	0	22,591	0	0	24,730

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-140 High Level Phase II Sewershed Improvements for 5 year LOP (HL-2_Conveyance Upgrade)

Description: Rehabilitation of the sanitary sewer meter basins is to remove rainfall dependent Inflow/Infiltration (I/I) and reclaim the lost capacity in the affected sewers.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	0	3,888	0	0	3,888
302 Waste Water Revenue Bonds	0	0	0	0	Zero	0	0	0
Total	0	0	0	0	3,888	0	0	3,888

551-141 Jones Falls Phase II Sewershed Improvements for 5 year LOP

Description: The purpose of the comprehensive rehabilitation of the sanitary sewer meter basins is to remove rainfall dependent Inflow/Infiltration (I/I).

Location: Jones Falls Sewershed

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	0	0	0	3,393	3,393
700 County Grants	0	0	0	0	0	0	1,524	1,524
Total	0	0	0	0	0	0	4,917	4,917

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-147 SC-951|Comprehensive Biosolids Management Plan

Description: The plan will evaluate current and projected bio solids quantities for the next 20 to 30 years.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	487	0	0	1,462	0	0	0	1,949
401 Waste Water Utility Funds	0	0	0	0	0	16,257	0	16,257
700 County Grants	593	0	0	1,778	0	19,765	0	22,136
Total	1,080	0	0	3,240	0	36,022	0	40,342

551-149 Back River & Patapsco Green Energy Plan Facilities

Description: This project will reduce the energy demands of the two wastewater facilities to increase energy efficiency and sustainability.

Location: 8201 Eastern Boulevard, 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	0	0	135	1,350	1,485
700 County Grants	0	0	0	0	0	135	1,350	1,485
Total	0	0	0	0	0	270	2,700	2,970

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-150 Patapsco Centrate Treatment Facilities

Description: Upgrading the facilities to remove nitrogen and phosphorus to the limit of technology levels in accordance with the Maryland Department of the Environment.
 Location: 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	0	52	1,382	0	1,434
700 County Grants	0	0	0	0	110	2,938	0	3,048
Total	0	0	0	0	162	4,320	0	4,482

551-152 Back River Plant-Wide Odor Control Facilities

Description: Provide upgrades/replacements to continue to mitigate odor complaints.
 Location: 8201 Eastern Boulevard

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	0	0	0	810	0	810
700 County Grants	0	0	0	0	0	810	0	810
Total	0	0	0	0	0	1,620	0	1,620

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-155 Patapsco Storeroom Modernization

Description: Upgrade is needed to efficiently store and retrieve maintenance supplies.

Location: 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	0	0	104	0	1,242	0	0	1,346
700 County Grants	0	0	220	0	2,639	0	0	2,859
Total	0	0	324	0	3,881	0	0	4,205

551-157 Rehabilitation of Outfall Interceptor

Description: The project will prevent sanitary sewer overflows (SSOs), reduce infiltration and inflow, address capacity problems, and improve the overall aging condition.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
401 Waste Water Utility Funds	0	6,075	0	0	0	0	0	6,075
700 County Grants	0	6,075	0	0	0	0	0	6,075
Total	0	12,150	0	0	0	0	0	12,150

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-526 Back River WWTP Egg-Shaped Digester Rehab

Description: Seal and structurally repair concrete of existing digesters for the storage of digested sludge.

Location: 8201 Eastern Boulevard

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	2,160	0	0	0	0	0	0	2,160
401 Waste Water Utility Funds	0	0	18,819	0	0	0	0	18,819
700 County Grants	2,160	0	18,819	0	0	0	0	20,979
Total	4,320	0	37,638	0	0	0	0	41,958

551-533 Annual Wastewater Facilities Improvements - FY 2021

Description: Rehabilitate, repair, and/or replace wastewater facility systems to maintain the operational function and performance reliability.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	810	9,990	0	0	0	0	0	10,800
700 County Grants	810	9,990	0	0	0	0	0	10,800
Total	1,620	19,980	0	0	0	0	0	21,600

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Waste Water

Amounts in Thousands

551-681 Wastewater Facilities Security Improvements

Description: Add, modify and upgrade security systems at the Bureau's wastewater conveyance and treatment facilities.

Location: 8201 Eastern Boulevard, 3501 Asiatic Avenue

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
302 Waste Water Revenue Bonds	76	270	0	4,406	0	0	0	4,752
700 County Grants	76	270	0	4,406	0	0	0	4,752
Total	152	540	0	8,812	0	0	0	9,504

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-002 Water Utility Billing System Upgrade

Description: Funding required to upgrade the Water Utility Billing System to provide the City with current and accurate billing data. See also 551-127.
 Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	15,000	2,000	0	0	0	0	0	17,000
Total	15,000	2,000	0	0	0	0	0	17,000

557-003 Department of Public Works Office Building

Description: Acquire and renovate office building to house Bureau of Water and Wastewater staff, in compliance with ADA regulations. See also 551-006.
 Location: 210 Guilford Street

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	3,460	0	6,702	0	0	0	0	10,162
700 County Grants	3,710	0	0	0	0	0	0	3,710
Total	7,170	0	6,702	0	0	0	0	13,872

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-022 WC-1326 SCADA Single Platform

Description: Provide supervisory control and data acquisition (SCADA) network in the water and wastewater treatment plants, pump stations, and raw and finished water storage facilities to monitor and control critical operations and maintain secure operations and data.

Location: 3501 Libert Heights / 3901 Hillen Road

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	1,477	9,757	0	0	0	0	0	11,234
700 County Grants	1,114	2,454	0	0	0	0	0	3,568
Total	2,591	12,211	0	0	0	0	0	14,802

557-040 WC 1373|AMI/R Urgent Need Large Meters (>3")

Description: Repair and replacement at various locations of 3" and larger water services.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	1,069	0	0	0	0	0	1,069
402 Water Utility Funds	1,071	0	0	0	0	0	0	1,071
700 County Grants	3,569	0	0	0	0	0	0	3,569
Total	4,640	1,069	0	0	0	0	0	5,709

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-044 WM Replacement Brewers Hill Neighborhood

Description: The project consists of 6,639 LF of water main replacement in the Brewers Hill Neighborhood.

Location: Brewers Hill Neighborhood/ Dillion St.

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	7,421	7,690	0	0	0	0	0	15,111
Total	7,421	7,690	0	0	0	0	0	15,111

557-061 WC-1279|WM Rehab Sefton Ave Vicinity

Description: This project consists of 19,315 LF of replacement water main within Sefton Avenue vicinity.

Location: Sefton Ave Vicinity

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	161	11,907	0	0	0	12,068
Total	0	0	161	11,907	0	0	0	12,068

557-073 WC-1257|Falls Road & Vicinity – Water Main Replacements

Description: Water main replacement of 20,679 LF throughout Falls Road and vicinity.

Location: Falls Road Area

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	158	10,756	0	0	0	0	0	10,914
Total	158	10,756	0	0	0	0	0	10,914

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-074 WC-1258|WM Replacement Lambeth Rd, Kimble Et al

Description: Water main replacement project of 15,600 LF of main at Frederick Avenue & Vicinity and Lambeth & Kemble Roads.

Location: Frederick, Ave

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	5,330	0	10,697	0	0	0	0	16,027
Total	5,330	0	10,697	0	0	0	0	16,027

557-100 Water Infrastructure Rehabilitation

Description: Rehabilitate water infrastructure by cleaning and cement lining, looping dead end water mains, abandoning stubs, and replacing appurtenances in various communities as necessary.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	811,434	838	0	0	0	0	0	812,272
402 Water Utility Funds	6,060	0	0	0	0	0	0	6,060
700 County Grants	49,133	0	0	0	0	0	0	49,133
Total	866,627	838	0	0	0	0	0	867,465

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-122 WM Rehab South St Vicinity (Downtown)

Description: Funds are needed for an ongoing program to rehabilitate water infrastructure by cleaning and cement lining, looping dead end water mains, abandoning stubs, and replacing appurtenances in various communities as necessary.

Location: South St Vicinity (Downtown)

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	10,439	0	449	10,419	0	0	21,307
Total	0	10,439	0	449	10,419	0	0	21,307

557-126 WM Replacement Reisterstown Road Vicinity

Description: Funds are needed for an ongoing program to rehabilitate water infrastructure by cleaning and cement lining, looping dead end water mains, abandoning stubs, and replacing appurtenances in various communities as necessary.

Location: Reisterstown Road

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	229	12,583	0	0	0	0	12,812
Total	0	229	12,583	0	0	0	0	12,812

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-138 WM Replacement Carrolton Ave Vicinity

Description: Water main replacement of approximately 14,000 LF on Carrolton Ave. and vicinity.

Location: 112 S Carrolton Ave

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	8,750	0	0	0	0	0	8,750
402 Water Utility Funds	1,928	0	0	0	0	0	0	1,928
610 State Water Quality Revolving Loan Fund	5,006	0	0	0	0	0	0	5,006
700 County Grants	1,668	0	0	0	0	0	0	1,668
Total	8,602	8,750	0	0	0	0	0	17,352

557-140 WM Replacement Sequoi Ave, Grantley Rd Vicinity

Description: Water main replacement of approximately 15,770 LF on Sequoi Ave and vicinity.

Location: Sequoia Ave, Grantley Rd Vicinity

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	162	8,816	0	0	0	0	0	8,978
Total	162	8,816	0	0	0	0	0	8,978

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-142 WM Replacement Forest Park Vicinity

Description: This project contributes towards the Director's 15-mile water main replacement and rehabilitation per year initiative.

Location: Forest Park Vicinity

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	152	9,247	0	0	9,399
Total	0	0	0	152	9,247	0	0	9,399

557-144 WM Replacement Ellamont St., Spring Lake Way Vicinity

Description: This project contributes toward the Director's 15-mile water main replacement and rehabilitation per year initiative.

Location: 41 Ellamount St., Spring Lake Way Vicinity

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	291	16,634	0	0	0	0	0	16,925
Total	291	16,634	0	0	0	0	0	16,925

557-146 WM Rehab Windsor Mill Rd, Thomas Ave Vicinity Et al

Description: This project is part of the Director's 15-mile water main replacement and rehabilitation program for FY21.

Location: Thomas Ave Vicinity Et al

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	142	8,431	0	0	0	8,573
Total	0	0	142	8,431	0	0	0	8,573

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-147 WM Rehab Glenmore Ave & Vicinity

Description: Water main replacement part of Director 15 miles per year initiative.

Location: Glenmore Ave & Vicinity

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	196	11,371	0	0	11,567
Total	0	0	0	196	11,371	0	0	11,567

557-148 WM Replacement Belair Rd Vicinity

Description: This project contributes towards the Director's 15-mile water main replacement and rehabilitation per year initiative.

Location: Belair Rd Vicinity

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	162	0	8,118	0	0	0	8,280
Total	0	162	0	8,118	0	0	0	8,280

557-152 Hillen & Pen Lucy North WM Replacements

Description: Water main replacement part of Director 15 miles per year initiative.

Location: Hillen & Pen Lucy North

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	21,511	0	0	0	0	0	21,511
Total	0	21,511	0	0	0	0	0	21,511

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-157 Harford Road and Vicinity WM Replacements

Description: Water main replacement part of Director 15 miles per year initiative.

Location: Harford Road and Vicinity

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	267	14,970	0	0	15,237
Total	0	0	0	267	14,970	0	0	15,237

557-158 Dam Rehabilitation

Description: Funds are needed to provide for the rehabilitation of interior/exterior slopes of several dams managed by the Bureau of Water and Waste Water. They include Lake Ashburton, Druid Lake, Montebello Washwater Lake, Lake Montebello and Guilford Reservoir.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	1,400	5,793	0	0	0	0	0	7,193
700 County Grants	1,400	5,793	0	0	0	0	0	7,193
Total	2,800	11,586	0	0	0	0	0	14,386

557-159 Madison St 30" Main

Description: Water main replacement part of Director 15 miles per year initiative.

Location: Madison St

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	162	5,754	0	0	0	0	5,916
Total	0	162	5,754	0	0	0	0	5,916

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-169 Large Diameter Main Renewal Program Amendment

Description: The Large Diameter Main Renewal Program consists of inspections, primarily of pre-stressed concrete cylinder pipes.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	10,800	0	0	0	0	0	10,800
700 County Grants	0	10,800	0	0	0	0	0	10,800
Total	0	21,600	0	0	0	0	0	21,600

557-171 Engineering Design Services for Water Tunnel Shaft Construction

Description: Project to inspect and construct any needed repairs to the Liberty Ashburton raw water tunnel.

Location: 9631 Liberty Road, Randallstown, MD

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	972	718	0	0	27,000	0	0	28,690
Total	972	718	0	0	27,000	0	0	28,690

557-173 WM Replacements in Beechfield, Yale Heights Neighborhoods & Vicinity

Description: Water main replacement and rehabilitation of approximately 19,000 LF in Beechfield, Yale Heights, & vicinity.

Location: Beechfield, Yale Heights Neighborhoods & Vicinity

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	175	10,632	0	0	0	0	0	10,807
Total	175	10,632	0	0	0	0	0	10,807

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-174 WM Replacement Downtown, Madison St, and Vicinity

Description: This project is part of the Director's 15-mile water main replacement and rehabilitation program for FY22.

Location: Downtown, Madison St, and Vicinity

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	10,994	482	0	0	0	0	0	11,476
Total	10,994	482	0	0	0	0	0	11,476

557-175 WC-1282|WM Replacement and Rehab at Franklin Square

Description: This project is part of the Director's 15-mile water main replacement and rehabilitation program for FY22.

Location: Fulton Ave

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	14,944	0	0	0	0	14,944
Total	0	0	14,944	0	0	0	0	14,944

557-176 Upper Fells Point & West Canton WM Replacements

Description: This project is part of the Director's 15-mile water main replacement and rehabilitation program for FY23.

Location: Fells Point & West Canton

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	270	15,929	0	0	0	0	16,199
Total	0	270	15,929	0	0	0	0	16,199

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-177 Barclay and Vicinity WM Replacements

Description: This project is part of the Director's 15-mile water main replacement and rehabilitation program for FY22.

Location: Barclay and Vicinity

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	404	23,652	0	0	0	0	0	24,056
700 County Grants	0	0	0	0	0	0	0	0
Total	404	23,652	0	0	0	0	0	24,056

557-178 WC-1319|Keswick Road, West 36th St and York Rd WM Replacements

Description: This project is part of the Director's 15-mile water main replacement and rehabilitation program for FY23.

Location: Keswick Road

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	270	13,932	0	0	0	14,202
Total	0	0	270	13,932	0	0	0	14,202

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-180 Future Water Main Replacement

Description: This project will support future Water Main Replacements.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	5,497	0	0	0	48,102	53,599
700 County Grants	0	0	289	0	0	0	2,532	2,821
Total	0	0	5,786	0	0	0	50,634	56,420

557-182 Water Meter Replacement Program

Description: Project will proactively replace water meters before they start failing and ensure that meters are operating efficiently, and therefore reduce complaints from customers due to non-functioning meters.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	0	0	0	57,244	57,244
700 County Grants	0	0	0	0	0	0	44,978	44,978
Total	0	0	0	0	0	0	102,222	102,222

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-184 WC-1301 Replacement no. 1

Description: The scope of this project includes repairs to large diameter water mains Including installation of various size prestressed concrete cylinder pipe (PCCP) and ferrous metal pipe segments, reinforcement of existing PCCP utilizing external post tension tendo
 Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	6,934	0	0	0	0	0	6,934
Total	0	6,934	0	0	0	0	0	6,934

557-191 Valve and Fire Hydrant Assessment Operation and Maintenance R1

Description: The Baltimore Metropolitan Water system includes a large number of valves and fire hydrants in the existing water infrastructure.
 Location: Various Locations

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	324	324	0	0	0	0	0	648
402 Water Utility Funds	324	0	0	0	0	0	0	324
700 County Grants	648	0	0	0	0	0	0	648
Total	1,296	324	0	0	0	0	0	1,620

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-198 WM Replacement Wilkens Ave, Frederick Ave Vicinity

Description: The project consists of 13,086 LF of water main replacement in Wilkens Avenue, Frederick Ave & vicinity.

Location: Wilkens Ave, Frederick Vicinity

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	6,424	0	0	0	0	0	6,424
700 County Grants	0	6,423	0	0	0	0	0	6,423
Total	0	12,847	0	0	0	0	0	12,847

557-199 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase I- FY21

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	8,768	0	0	0	0	0	8,768
700 County Grants	0	1,427	0	0	0	0	0	1,427
Total	0	10,195	0	0	0	0	0	10,195

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-200 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase II- FY21

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	8,768	0	0	0	0	0	8,768
700 County Grants	0	1,427	0	0	0	0	0	1,427
Total	0	10,195	0	0	0	0	0	10,195

557-201 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase III- FY21

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	8,768	0	0	0	0	0	8,768
700 County Grants	0	1,427	0	0	0	0	0	1,427
Total	0	10,195	0	0	0	0	0	10,195

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-202 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase I- FY22

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	2,111	0	0	0	0	2,111
700 County Grants	0	0	8,084	0	0	0	0	8,084
Total	0	0	10,195	0	0	0	0	10,195

557-203 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase II- FY22

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	8,768	0	0	0	0	8,768
700 County Grants	0	0	1,427	0	0	0	0	1,427
Total	0	0	10,195	0	0	0	0	10,195

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-204 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase III- FY22

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	8,768	0	0	0	0	8,768
700 County Grants	0	0	1,427	0	0	0	0	1,427
Total	0	0	10,195	0	0	0	0	10,195

557-205 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase I- FY23

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	8,768	0	0	0	8,768
700 County Grants	0	0	0	1,427	0	0	0	1,427
Total	0	0	0	10,195	0	0	0	10,195

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-206 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase II- FY23

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	8,768	0	0	0	8,768
700 County Grants	0	0	0	1,427	0	0	0	1,427
Total	0	0	0	10,195	0	0	0	10,195

557-207 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase III- FY23

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	74	8,694	0	0	0	8,768
700 County Grants	0	0	12	1,415	0	0	0	1,427
Total	0	0	86	10,109	0	0	0	10,195

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-208 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase I- FY24

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	0	8,768	0	0	8,768
700 County Grants	0	0	0	0	1,427	0	0	1,427
Total	0	0	0	0	10,195	0	0	10,195

557-209 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase II- FY24

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	0	8,768	0	0	8,768
700 County Grants	0	0	0	0	1,427	0	0	1,427
Total	0	0	0	0	10,195	0	0	10,195

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-210 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase III- FY24

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	74	8,694	0	0	8,768
700 County Grants	0	0	0	12	1,415	0	0	1,427
Total	0	0	0	86	10,109	0	0	10,195

557-211 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase I- FY25

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	0	0	4,594	0	4,594
402 Water Utility Funds	0	0	0	0	0	4,174	0	4,174
700 County Grants	0	0	0	0	0	1,427	0	1,427
Total	0	0	0	0	0	10,195	0	10,195

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-212 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase II- FY25

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	0	0	8,768	0	8,768
700 County Grants	0	0	0	0	0	1,427	0	1,427
Total	0	0	0	0	0	10,195	0	10,195

557-213 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase III- FY25

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	0	74	8,694	0	8,768
700 County Grants	0	0	0	0	12	1,415	0	1,427
Total	0	0	0	0	86	10,109	0	10,195

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-214 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase I- FY26

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	0	0	0	3,739	3,739
402 Water Utility Funds	0	0	0	0	0	0	5,029	5,029
700 County Grants	0	0	0	0	0	0	1,427	1,427
Total	0	0	0	0	0	0	10,195	10,195

557-215 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase II- FY26

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	0	0	0	8,768	8,768
700 County Grants	0	0	0	0	0	0	1,427	1,427
Total	0	0	0	0	0	0	10,195	10,195

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-216 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase III- FY26

Description: The purpose of this contract is to rehabilitate, replace and repair 6-inch through 24 inch ductile iron pipe, valves up to 36", fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) and large meter settings.

Location: City of Baltimore/ Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	0	0	74	8,694	8,768
700 County Grants	0	0	0	0	0	12	1,415	1,427
Total	0	0	0	0	0	86	10,109	10,195

557-218 Water Main Replacement at Various Locations

Description: "The work to be done under this Contract shall consist of the following:

- Removal and installation of new smart meters sized 3" or larger
- Rehabilitation of meter vaults
- Restoration of disturbed concrete, asphalt, landscaping, and masonry as part

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	4,037	0	0	0	0	0	4,037
700 County Grants	0	4,037	0	0	0	0	0	4,037
Total	0	8,074	0	0	0	0	0	8,074

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-219 WC-1399 - Water Main Replacement at Various Locations

Description: Repair and Replacement at various locations of 3" and larger water services

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	4,037	0	0	0	0	0	4,037
700 County Grants	0	4,037	0	0	0	0	0	4,037
Total	0	8,074	0	0	0	0	0	8,074

557-220 Program No. 1318 - Program Manageme Services for City of Baltimore's Water Main Replacement Program

Description: Program management services and staff augmentation consisting of in-house water main design, review of various water main replacement and rehabilitation projects, engineering and management support, permitting assistance, construction inspection, and comm

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	410	0	0	0	0	410
402 Water Utility Funds	0	0	5,000	0	0	0	0	5,000
Total	0	0	5,410	0	0	0	0	5,410

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-221 WC-1400 Water Main Replacement at Various Locations

Description: Repair and Replacement at various locations of 3" and larger water services

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	4,037	0	0	0	0	0	4,037
700 County Grants	0	4,037	0	0	0	0	0	4,037
Total	0	8,074	0	0	0	0	0	8,074

557-222 WC-1401 - On-Call Design & Engineering Services

Description: On-call engineering design services for water main replacement program throughout the City of Baltimore.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	2,160	0	0	0	0	0	2,160
Total	0	2,160	0	0	0	0	0	2,160

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-223 Watershed Comprehensive Plan

Description: Perform a Watershed Comprehensive Plan for the Liberty and Loch Raven Reservoirs to address long term needs at the Baltimore Metro Region's raw water supply and storage system to meet future needs for water supply for residential and industrial customer.
 Location: Citywide Water system

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	2,700	0	5,400	0	0	66,960	75,060
Total	0	2,700	0	5,400	0	0	66,960	75,060

557-224 Leakin Park Pump Station Rehabilitation WC TBD

Description: Perform rehabilitaiton work to the Leakin Park Pump Station to improve operations and control. These systems help to maintain critical controls and service to supply finished water to the public.
 Location: 4921 Windsor Mill Road, Gwynn Oak, MD 21207

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	11	75	1,059	0	0	0	0	1,145
700 County Grants	43	302	4,234	0	0	0	0	4,579
Total	54	377	5,293	0	0	0	0	5,724

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-225 Project TBD - Valve and Fire Hydrant Assessment Operations and Maintenance - (CIP No. 1000636)

Description: The Baltimore Metropolitan Water system includes a large number of valves and fire hydrants in the existing water infrastructure. The scope of this project includes assessment, operation and maintenance of valves between 2-120 inches sizes; assessment, op
 Location: Baltimore City and Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	1,350	0	0	0	0	0	1,350
700 County Grants	0	1,350	0	0	0	0	0	1,350
Total	0	2,700	0	0	0	0	0	2,700

557-226 CIP & IPF (Water)

Description: This project is for the acquisition and deployment of CIP management software, which includes an Integrated Planning Framework to rank and evaluated capital projects under criteria such as funding sources, reducing complaints, and promoting equity.
 Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	250	314	0	0	0	0	0	564
Total	250	314	0	0	0	0	0	564

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-227 WC-1287|WM Replacements in Westgate, Hunting Ridge and Uplands Neighborhoods

Description: 1. Approximately 52 ± linear feet of 4-inch diameter DIP water main and fittings.
 2. Approximately 778 ± linear feet of 6-inch diameter DIP water main and fittings.
 3. Approximately 8,776 ± linear feet of 8-inch diameter DIP water main and fittings.

Location: Hunting Ridge and Uplands Neighborhoods

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	165	9,978	0	0	0	0	0	10,143
Total	165	9,978	0	0	0	0	0	10,143

557-229 Future 15 Miles Water Main Replacement

Description: Future 15 miles Water Main Replacement

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	0	0	11,803	4,162	0	0	15,965
402 Water Utility Funds	0	0	0	18,197	25,838	30,000	30,000	104,035
Total	0	0	0	30,000	30,000	30,000	30,000	120,000

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-300 Urgent Needs Water Facilities - Annual Improvements

Description: Repair and maintain water treatment and conveyance facilities as required as a result of unanticipated failures of equipment, operating systems or facilities.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	26,740	0	0	0	0	0	0	26,740
402 Water Utility Funds	4,800	0	0	0	0	0	0	4,800
700 County Grants	20,464	0	0	0	0	0	0	20,464
Total	52,004	0	0	0	0	0	0	52,004

557-689 Urgent Needs Water Engineering Services

Description: Investigate, report, recommend, design and prepare biddable documents for the repair or rehabilitation of facilities within the water system. These Architectural/Engineering Consultant Services will be provided on an as-needed basis.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	70,269	0	8,750	0	0	0	0	79,019
402 Water Utility Funds	634	0	0	0	0	0	0	634
700 County Grants	12,972	0	1,475	0	0	0	0	14,447
Total	83,875	0	10,225	0	0	0	0	94,100

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-696 Chlorine Handling Safety Improvements WC-1327

Description: Provide safety improvements by eliminating gaseous chlorine at each of the fifteen chlorination facilities, including the Montebello Plants and substitution of sodium hypochlorite facilities.

Location: Citywide

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	2,171	0	36,547	0	0	0	0	38,718
700 County Grants	1,447	0	24,365	0	0	0	0	25,812
Total	3,618	0	60,912	0	0	0	0	64,530

557-921 Maintenance Building Improvements at Liberty Dam (WC-1207)

Description: Evaluate condition of the existing maintenance facilities at Liberty Dam and design and construct recommended improvements.

Location: 5685 Oakland Mill Road, Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	785	0	12,097	0	0	0	0	12,882
700 County Grants	524	0	8,065	0	0	0	0	8,589
Total	1,309	0	20,162	0	0	0	0	21,471

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-922 WC-1229 Vernon Pump Station Rehabilitation

Description: Rehabilitate and repair Vernon Water Pumping Station facilities to maintain the operational function and performance reliability of aging systems and to address Citywide Homeland Security concerns.

Location: 901 Wyman Park Drive, Baltimore, MD

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	8,759	0	0	0	0	0	8,759
700 County Grants	0	5,885	0	0	0	0	0	5,885
Total	0	14,644	0	0	0	0	0	14,644

557-923 Cromwell Pump Station Rehabilitation

Description: Rehabilitate and repair Cromwell Water Pumping Station facilities to maintain the operational function and performance reliability of aging systems and to address Citywide Homeland Security concerns.

Location: 2056 Cromwell Bridge Road, Baltimore County

Impact on FY 2021 Operating Budget : 0

Source of Funds	Appr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	123	22,040	0	0	0	0	0	22,163
700 County Grants	71	19,545	0	0	0	0	0	19,616
Total	194	41,585	0	0	0	0	0	41,779

City of Baltimore - Six Year Capital Program
Agency Request for: DPW: Water Supply

Amounts in Thousands

557-929 Ashburton Pump Station Rehabilitation (WC-1199)BAM

Description: Rehabilitate and repair Ashburton Water Pumping Station facilities to maintain the operational function and performance reliability of aging systems and to address Citywide Homeland Security concerns.

Location: 3051 Liberty Heights Avenue, Baltimore, MD

Impact on FY 2021 Operating Budget : 0

Source of Funds	Apr. to date	2021	2022	2023	2024	2025	2026	Total
301 Water Revenue Bonds	0	6,103	0	0	0	0	0	6,103
700 County Grants	0	5,412	0	0	0	0	0	5,412
Total	0	11,515	0	0	0	0	0	11,515