

**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: Construct citizens' convenience center, fuel depot, parking lot improvement and upgrade existing administrative building to accommodate additional staff. These improvements will enhance safety and operations at the facility

Location: 6101 Bowleys Lane

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
100 General Obligation Bonds	0	810	3,000	2,920	0	0	0	6,730
<b>Total</b>	<b>0</b>	<b>810</b>	<b>3,000</b>	<b>2,920</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,730</b>

**517-012 Quarantine Road Landfill Expansion**

Description: Extend the capacity of the existing landfill beyond Year 2026. It would require combining City's Quarantine Road Landfill and the former Millennium Landfill into a single landfill.

Location: City-Wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
100 General Obligation Bonds	700	4,180	0	0	80,816	0	0	85,696
<b>Total</b>	<b>700</b>	<b>4,180</b>	<b>0</b>	<b>0</b>	<b>80,816</b>	<b>0</b>	<b>0</b>	<b>85,696</b>

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

Amounts in Thousands

**517-015 QRLF E&S Control Plan and Wet Pond Conversion**

Description: The proposed work is to meet the requirements for COMAR 26.17.01; 2011 Maryland Standards and Specifications; Stormwater Management Act of 2007; NPDES 12-SW Industrial Stormwater Permit. In addition, the funding is for MDE/EPA mandatory data collection.

Location: QRLF E&S Control Plan and Wet Pond Conversion

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
100 General Obligation Bonds	0	1,562	0	0	0	0	0	1,562
<b>Total</b>	<b>0</b>	<b>1,562</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,562</b>

**517-018 Northeast Transfer Station**

Description: The purpose of this project is to construct a transfer station to support the collection and transfer/disposal of solid waste within this eastern region of the City. This facility would also be a drop off location for the Small Haulers Program.

Location: Northeast Transfer Station

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
100 General Obligation Bonds	0	0	0	80	0	3,000	3,000	6,080
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80</b>	<b>0</b>	<b>3,000</b>	<b>3,000</b>	<b>6,080</b>

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

Amounts in Thousands

**520-011 Colgate Creek Pumping Station**

Description: Improvements to citywide storm water management at the Colgate Creek location

Location: Colgate Creek Pumping Station

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	785	3,751	0	0	0	0	0	4,536
<b>Total</b>	<b>785</b>	<b>3,751</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,536</b>

**520-049 SDC-7773|Gwynns Falls Drainage**

Description: Assess and address stormdrain capacity and flooding problems.

Location: SDC-7773|Gwynns Falls Drainage

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	0	0	0	0	1,967	2,175	0	4,142
405 Stormwater Utility Funds	0	0	108	216	0	0	0	324
<b>Total</b>	<b>0</b>	<b>0</b>	<b>108</b>	<b>216</b>	<b>1,967</b>	<b>2,175</b>	<b>0</b>	<b>4,466</b>

**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 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 of the system and causes of sump area.

Location: SDC-7774|Baltimore Harbor Drainage

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>324</b>	<b>1,135</b>	<b>6,318</b>	<b>0</b>	<b>0</b>	<b>7,777</b>

**520-052 SWC-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: SWC-7776|Urgent Needs Small Storm Drain Rehab JOC #1

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
405 Stormwater Utility Funds	0	823	1,268	2,179	0	0	0	4,270
<b>Total</b>	<b>0</b>	<b>823</b>	<b>1,268</b>	<b>2,179</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,270</b>

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

Amounts in Thousands

**520-053 SDC-7779|Small Storm Drain and Inlet Repair #3**

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: SDC-7779|Small Storm Drain and Inlet Repair #3

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	0	1,248	0	0	0	0	0	1,248
405 Stormwater Utility Funds	0	1,452	0	0	0	0	0	1,452
<b>Total</b>	<b>0</b>	<b>2,700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,700</b>

**520-054 Stormwater Hydraulic Modeling**

Description: Implement Stormwater hydraulic modeling provides in depth and accurate condition assessment and asset management for approximately 1,500 miles of the City's Stormwater gray infrastructure.

Location: City-wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	0	4,000	18,000	0	0	0	0	22,000
<b>Total</b>	<b>0</b>	<b>4,000</b>	<b>18,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,000</b>

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

Amounts in Thousands

**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.

Location: City-wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	0	4,600	50,000	0	0	0	0	54,600
<b>Total</b>	<b>0</b>	<b>4,600</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54,600</b>

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

Amounts in Thousands

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

Description: ER4121 the Herring Run 84" Water Main Stream Restoration represents the evaluation of approximately 2,000 linear feet (LF) of stream length. The proposed repair works include stabilization streambank and its eroded section and 84" water main protection.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	2,484	1,200	0	0	0	0	0	3,684
<b>Total</b>	<b>2,484</b>	<b>1,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,684</b>

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

Description: ER4137 the Lower Stony Run Stream Repair represents the evaluation of approximately 900 linear feet (LF) of stream length.

Location: Lower Stony Run

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	0	0	1,739	0	0	0	0	1,739
405 Stormwater Utility Funds	652	0	156	0	0	0	0	808
<b>Total</b>	<b>652</b>	<b>0</b>	<b>1,895</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,547</b>

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

Amounts in Thousands

**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 devise will assist in meeting goals for MS4 permit and Trash TMDL.

Location: ER-4076|Large Debris Collection System 5

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	0	0	0	0	0	0	216	216
405 Stormwater Utility Funds	0	0	0	0	0	540	168	708
610 State Water Quality Revolving Loan Fund	0	0	0	0	0	0	1,944	1,944
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540</b>	<b>2,328</b>	<b>2,868</b>

**525-052 ER-4077|Large Debris Collection System 6**

Description: Debris collector will collect floatable waste and organic debris in stream to remove from the inner harbor. Installation of devise will assist in meeting goals for MS4 permit and Trash TMDL.

Location: ER-4077|Large Debris Collection System 6

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	0	0	0	0	0	0	216	216
405 Stormwater Utility Funds	0	0	0	0	0	540	168	708
610 State Water Quality Revolving Loan Fund	0	0	0	0	0	0	1,944	1,944
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540</b>	<b>2,328</b>	<b>2,868</b>



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

Amounts in Thousands

**525-053 ER-4079|Large Debris Collection System 8**

Description: Debris collector will collect floatable waste and organic debris in stream to remove from the inner harbor. Installation of devise will assist in meeting goals for MS4 permit and Trash TMDL.

Location: ER-4079|Large Debris Collection System 8

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	0	0	0	0	0	0	0	0
405 Stormwater Utility Funds	0	0	0	0	0	0	540	540
610 State Water Quality Revolving Loan Fund	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540</b>	<b>540</b>

**525-054 ER-4080|Large Debris Collection System 9**

Description: Debris collector will collect floatable waste and organic debris in stream to remove from the inner harbor. Installation of devise will assist in meeting goals for MS4 permit and Trash TMDL.

Location: ER-4080|Large Debris Collection System 9

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	0	0	0	0	0	0	0	0
405 Stormwater Utility Funds	0	0	0	0	0	0	540	540
610 State Water Quality Revolving Loan Fund	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540</b>	<b>540</b>

**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 devise will assist in meeting goals for MS4 permit and Trash TMDL.

Location: ER-4096|Large Debris Collection System 10

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	0	0	0	0	0	0	0	0
405 Stormwater Utility Funds	0	0	0	0	0	0	540	540
610 State Water Quality Revolving Loan Fund	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540</b>	<b>540</b>

**525-056 Facility Greening Project 14**

Description: The ultimate goal for this project is to treat urban runoff and help meet the City's MS-4 permit requirement by removing pavement, meeting total maximum daily loads (TMDL's) for pollution and reducing nutrients and sediments.

Location: Facility Greening Project 14

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
405 Stormwater Utility Funds	0	0	0	81	161	0	0	242
610 State Water Quality Revolving Loan Fund	0	0	0	0	583	0	0	583
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>81</b>	<b>744</b>	<b>0</b>	<b>0</b>	<b>825</b>

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

Amounts in Thousands

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

Description: City is required to maintain streams from previous restoration projects by the City and USACE in order to maintain our credits under the MS4 permit. Study conducted by USFWS on previous restorations identified a number of areas that need to be repaired.

Location: ER-4055|Urgent Need Stream Repair 2

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
305 Stormwater Revenue Bonds	0	0	0	214	432	1,941	1,742	4,329
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>214</b>	<b>432</b>	<b>1,941</b>	<b>1,742</b>	<b>4,329</b>

**525-058 Facility Greening Project 15**

Description: The ultimate goal for this project is to treat urban runoff and help meet the City's MS-4 permit requirement by removing pavement, meeting total maximum daily loads (TMDL's) for pollution and reducing nutrients and sediments.

Location: Facility Greening Project 15

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
405 Stormwater Utility Funds	0	0	0	0	81	161	0	242
610 State Water Quality Revolving Loan Fund	0	0	0	0	0	583	0	583
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>81</b>	<b>744</b>	<b>0</b>	<b>825</b>

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

Amounts in Thousands

**525-059 Facility Greening Project 16**

Description: The ultimate goal for this project is to treat urban runoff and help meet the City's MS-4 permit requirement by removing pavement, meeting total maximum daily loads (TMDL's) for pollution and reducing nutrients and sediments.

Location: Facility Greening Project 16

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
405 Stormwater Utility Funds	0	0	0	0	81	161	0	242
610 State Water Quality Revolving Loan Fund	0	0	0	0	0	583	0	583
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>81</b>	<b>744</b>	<b>0</b>	<b>825</b>

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

Amounts in Thousands

**551-006 Project 1269|210 Guilford Street Office Renovations**

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

Location: 210 Guilford Street

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	626	0	0	12,489	0	0	0	13,115
700 County Grants	588	0	0	0	0	0	0	588
<b>Total</b>	<b>1,214</b>	<b>0</b>	<b>0</b>	<b>12,489</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,703</b>

**551-008 Back River Sparrows Point Outfall**

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

Location: Back River WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	3,300	0	0	13,884	0	0	0	17,184
700 County Grants	3,600	0	0	13,884	0	0	0	17,484
<b>Total</b>	<b>6,900</b>	<b>0</b>	<b>0</b>	<b>27,768</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34,668</b>

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

Amounts in Thousands

**551-019 Patapsco WWTP Secondary Reactor Rehabilitation**

Description: Rehabilitate the concrete structure and update the equipment of the Secondary Reactors at Patapsco WWTP in order to reliably meet NPDES Permit criteria and continue to serve the Metro Baltimore region.

Location: Patapsco Wastewater Treatment Plant

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	207	1,148	0	17,799	0	0	0	19,154
401 Waste Water Utility Funds	86	0	0	0	0	0	0	86
700 County Grants	441	2,438	0	37,822	0	0	0	40,701
<b>Total</b>	<b>734</b>	<b>3,586</b>	<b>0</b>	<b>55,621</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>59,941</b>

**551-022 Eastern Avenue Pump Station Rehabilitation**

Description: Upgrade existing Eastern Avenue Wastewater Pumping Station

Location: Eastern Avenue

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	2,073	0	5,655	0	0	0	0	7,728
700 County Grants	873	0	5,655	0	0	0	0	6,528
<b>Total</b>	<b>2,946</b>	<b>0</b>	<b>11,310</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,256</b>

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

Amounts in Thousands

**551-023 Office Project at Nieman Avenue**

Description: Acquired building to renovate and house Bureau of Water and Wastewater staff for system maintenance.

Location: Nieman Avenue in Lakeland neighborhood

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	3,321	81	0	0	0	0	0	3,402
700 County Grants	3,321	81	0	0	0	0	0	3,402
<b>Total</b>	<b>6,642</b>	<b>162</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,804</b>

**551-026 Brooklyn Pumping Station**

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

Location: 3401 Hanover Street

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	5,015	911	0	0	0	0	0	5,926
401 Waste Water Utility Funds	84	0	0	0	0	0	0	84
700 County Grants	249	0	0	0	0	0	0	249
<b>Total</b>	<b>5,348</b>	<b>911</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,259</b>

**City of Baltimore - Six Year Capital Program**  
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Amounts in Thousands

**551-027 Patapsco WWTP Headworks Upgrade**

Description: Evaluate capacity of Patapsco WWTP primary and influent facilities to handle anticipated future flows, design and construct modifications and/or additions to the facilities.

Location: 3501 Asiatic Avenue

Impact on FY 2020 Operating Budget : 0

Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	5,913	0	73	0	24,482	0	0	30,468
700 County Grants	12,568	0	35	0	11,521	0	0	24,124
<b>Total</b>	<b>18,481</b>	<b>0</b>	<b>108</b>	<b>0</b>	<b>36,003</b>	<b>0</b>	<b>0</b>	<b>54,592</b>

**551-030 SCADA Single Platform SC 1326**

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

Location: City-wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	6,580	0	0	0	0	0	508	7,088
700 County Grants	6,644	0	0	0	0	0	508	7,152
<b>Total</b>	<b>13,224</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,016</b>	<b>14,240</b>



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

Amounts in Thousands

**551-032 Jones Falls Pumping Station**

Description: Provide electrical system improvements to Jones Falls facility.

Location: Ash Street and Clipper Mill Road

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	146	5,047	0	0	0	0	0	5,193
700 County Grants	183	5,046	0	0	0	0	0	5,229
<b>Total</b>	<b>329</b>	<b>10,093</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,422</b>

**551-034 High Level Interceptor Rehabilitation**

Description: Repair/replace/rehabilitate the existing High Level Interceptor.

Location: High Level Sewershed

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	2,700	20,899	0	0	0	0	0	23,599
<b>Total</b>	<b>2,700</b>	<b>20,899</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23,599</b>

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

Amounts in Thousands

**551-036 Patapsco WWTP Administration Building Repairs and Rehabilitation**

Description: Patapsco Administration Building was commissioned 38 years ago and is in need of upgrades to the fire alarm and suppression systems, HVAC system, security system and windows.

Location: 3501 Asiatic Avenue, Baltimore, MD 21226

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	522	6,480	0	0	0	0	7,002
700 County Grants	0	1,046	13,770	0	0	0	0	14,816
<b>Total</b>	<b>0</b>	<b>1,568</b>	<b>20,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,818</b>

**551-044 Arc Flash Identification at Wastewater Pumping Stations**

Description: Upgrade, replace or rehabilitate critical electrical and control systems at the wastewater pump stations throughout the DPW collection and conveyance system to assure reliable operations and safe working conditions.

Location: City-wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	616	0	3,888	0	0	0	0	4,504
700 County Grants	405	0	3,888	0	0	0	0	4,293
<b>Total</b>	<b>1,021</b>	<b>0</b>	<b>7,776</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,797</b>

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

Amounts in Thousands

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

Description: The project will prevent SSO's, reduce infiltration and inflow, address capacity problems, and improve the overall condition of the aging sewer system. This project will upsize the 6 inch pipes to 8 inch and 10 inch pipes. This will reduce inspection issu

Location: Roland Park

Impact on FY 2020 Operating Budget : 0

Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	9,666	130	0	0	0	0	0	9,796
610 State Water Quality Revolving Loan Fund	1,620	0	0	0	0	0	0	1,620
<b>Total</b>	<b>11,286</b>	<b>130</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,416</b>

**551-048 SC-969 Lane Siphon Across Armistead Run**

Description: This project will re-grade the stream so the flow is rerouted over the inverted siphon as originally designed. In addition, the siphon will be cleaned, inspected, and CIPP lined.

Location: Horner's Lane Across Armistead Run

Impact on FY 2020 Operating Budget : 0

Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	4,622	1,532	0	0	0	0	0	6,154
<b>Total</b>	<b>4,622</b>	<b>1,532</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,154</b>

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

Amounts in Thousands

**551-052 Back River Deep Manhole PST Drainage & Outfall Channel**

Description: Improve the Deep Manhole drainage system in Back River WWTP to reduce maintenance requirement/effort.

Location: Back River WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	54	0	3,078	0	0	0	3,132
700 County Grants	540	54	0	3,078	0	0	0	3,672
<b>Total</b>	<b>540</b>	<b>108</b>	<b>0</b>	<b>6,156</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,804</b>

**551-056 Sanitary Sewer Interceptors and Siphons Repairs**

Description: The proposed construction contract will provide construction services related to repair and / or replacement of City's large interceptors and siphons.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	7,258	0	0	0	0	0	7,258
700 County Grants	0	7,258	0	0	0	0	0	7,258
<b>Total</b>	<b>0</b>	<b>14,516</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,516</b>

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

Amounts in Thousands

**551-057 Sanitary Sewer Interceptors and Siphons Condition Assessment and Analysis**

Description: The proposed project will provide engineering design services related to the Sanitary Sewer Large Interceptors and Siphons in the Baltimore Sanitary Sewer collection system.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	4,161	0	0	0	0	0	4,161
700 County Grants	0	6,242	0	0	0	0	0	6,242
<b>Total</b>	<b>0</b>	<b>10,403</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,403</b>

**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 systems to maintain operations functionality and performance reliability of aging systems.

Location: Patapsco and Back River WWTPs

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	864	0	7,236	0	0	0	8,100
700 County Grants	0	864	0	7,236	0	0	0	8,100
<b>Total</b>	<b>0</b>	<b>1,728</b>	<b>0</b>	<b>14,472</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,200</b>

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

Amounts in Thousands

**551-059 Patapasco Low Lift PS Rehabilitation**

Description: Funds are needed Patapasco WWTP Low Lift Pump Station rehabilitation, repair, and/or replacement of wastewater treatment facility systems to maintain operations functionality and performance reliability of aging systems.

Location: Patpasco WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	0	0	536	4,631	0	0	5,167
700 County Grants	0	0	0	1,138	9,841	0	0	10,979
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,674</b>	<b>14,472</b>	<b>0</b>	<b>0</b>	<b>16,146</b>

**551-061 Back River Blower House No. 1 Renovations**

Description: The Back River WWTP Blower Building is in need of repair, rehabilitation and replacement of critical components and systems to continue serving the facility.

Location: Back River WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	292	3,888	0	4,180
700 County Grants	0	0	0	0	292	3,888	0	4,180
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>584</b>	<b>7,776</b>	<b>0</b>	<b>8,360</b>

**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 (I/I) and reclaim the lost capacity in the affected sewers.

Location: High Level Sewershed

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	0	3,879	27,197	0	0	0	31,076
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3,879</b>	<b>27,197</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,076</b>

**551-064 Herring Run 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) and reclaim the lost capacity in the affected sewers.

Location: Herring Run

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	0	1,019	6,860	0	0	0	7,879
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,019</b>	<b>6,860</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,879</b>

**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: The Consent Decree is based on an Adaptive Management approach. After completion of Phase I, a Post Construction Flow Monitoring (PCFM) and assessment period shall commence. PCFM results shall be used to finalize the Phase II plan and projects.  
 Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3,240</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,240</b>

**551-066 LL Phase II Sewershed Improvements for 5-Year Hybrid LOP**

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: Lower Level Sewershed

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	0	0	0	0	4,266	0	4,266
700 County Grants	0	0	0	0	0	54	0	54
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,320</b>	<b>0</b>	<b>4,320</b>



**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: 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: Outfall Sewershed

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	5,411	0	0	5,411
700 County Grants	0	0	0	0	4,646	0	0	4,646
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,057</b>	<b>0</b>	<b>0</b>	<b>10,057</b>

**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) and reclaim the lost capacity in the affected sewers.

Location: Herring Run

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	0	0	0	0	3,033	0	3,033
700 County Grants	0	0	0	0	0	855	0	855
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,888</b>	<b>0</b>	<b>3,888</b>

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

Amounts in Thousands

**551-070 High Level Phase II Sewershed Improvements for 5 year LOP (HL-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: High Level Sewershed

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	0	0	0	0	3,888	0	3,888
700 County Grants	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,888</b>	<b>0</b>	<b>3,888</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	0	0	0	3,138	0	0	3,138
700 County Grants	0	0	0	0	5,502	0	0	5,502
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,640</b>	<b>0</b>	<b>0</b>	<b>8,640</b>

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

Amounts in Thousands

**551-073      2. Project 1263 Amendment #1 – Rainfall and Flow Monitoring Services for the Sanitary Sewer System**

Description: The Project 1263 agreement, as approved by the Board of Estimates, remains in effect for a period of three (3) years, with one optional two (2) year extension. Rainfall and Flow monitoring is required by the Consent Decree.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	0	1,398	0	0	0	0	1,398
700 County Grants	0	0	1,842	0	0	0	0	1,842
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3,240</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,240</b>

**551-077      Rehabilitation at the Secondary Treatment Process**

Description: Funds are needed miscellaneous rehabilitation, repair, and/or replacement of wastewater treatment facility systems to maintain operations functionality and performance reliability of aging systems critical to performance and permit compliance.

Location: Patapsco WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	553	0	4,216	0	0	0	4,769
401 Waste Water Utility Funds	0	0	0	415	0	0	0	415
700 County Grants	0	1,175	0	9,841	0	0	0	11,016
<b>Total</b>	<b>0</b>	<b>1,728</b>	<b>0</b>	<b>14,472</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,200</b>

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

Amounts in Thousands

**551-078 Sanitary Sewer Force Mains Condition Assessments and Analysis**

Description: The proposed project will provide engineering design services related to the Sanitary Sewer Force mains in the Baltimore Sewer system.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	1,801	0	0	0	0	0	1,801
700 County Grants	0	1,201	0	0	0	0	0	1,201
<b>Total</b>	<b>0</b>	<b>3,002</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,002</b>

**551-079 On-Call Sanitary Sewer Force Main Repairs**

Description: The project will enable the City to mobilize a contractor to repair/replace force mains at a short notice based on likelihood and consequence of imminent failure.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	1,710	0	0	0	0	0	1,710
700 County Grants	0	1,709	0	0	0	0	0	1,709
<b>Total</b>	<b>0</b>	<b>3,419</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,419</b>

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

Amounts in Thousands

**551-082 Greenmount Ave/ Preston St Sewer Relocation**

Description: The project will prevent SSO's, address capacity problems, and improve the overall condition of the aging sewer system.

Location: Greenmount Ave/ Preston St

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	108	2,128	0	0	0	0	0	2,236
<b>Total</b>	<b>108</b>	<b>2,128</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,236</b>

**551-083 Font Hill Ave Sewer Rehabilitation**

Description: The project will prevent SSO's, address capacity problems, and improve the overall condition of the aging sewer system.

Location: Font Hill Avenue

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	162	6,480	0	0	0	0	0	6,642
<b>Total</b>	<b>162</b>	<b>6,480</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,642</b>

**551-084 Patapsco WWTP Clarifier & Thickener Rehab**

Description: Provide Painting, Sandblasting and Special coatings to eight Secondary Clarifiers and three Gravity Sludge Thickeners collector mechanisms, catwalks and their structures.

Location: Patapsco WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	259	0	2,039	156	0	0	2,454
700 County Grants	0	551	0	4,333	331	0	0	5,215
<b>Total</b>	<b>0</b>	<b>810</b>	<b>0</b>	<b>6,372</b>	<b>487</b>	<b>0</b>	<b>0</b>	<b>7,669</b>

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

Amounts in Thousands

**551-085 Patapsco WWTP Liquid Oxygen Facility Rehabilitation**

Description: Provide four (4) additional Liquid Oxygen Storage Tanks for the Patapsco Wastewater Treatment Plant.

Location: Patapsco WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	381	0	5,495	0	0	0	5,876
700 County Grants	0	807	0	11,677	0	0	0	12,484
<b>Total</b>	<b>0</b>	<b>1,188</b>	<b>0</b>	<b>17,172</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,360</b>

**551-088 Miscellaneous Pump Station Rehabilitation**

Description: Funding needed for rehabilitation, repair, replacement and/or maintenance of Citywide wastewater pumping stations to continue to provide critical operational service and performance reliability to aging systems.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	620	0	6,696	0	0	0	7,316
700 County Grants	0	620	0	6,696	0	0	0	7,316
<b>Total</b>	<b>0</b>	<b>1,240</b>	<b>0</b>	<b>13,392</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,632</b>

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

Amounts in Thousands

**551-089 Back River Power Reliability Improvements**

Description: This project will improve power reliability at the Back River Wastewater Treatment Plant.

Location: Back River WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	38,728	0	0	0	0	0	0	38,728
520 Federal Infrastructure Loan (WIFIA)	0	17,697	0	0	0	0	0	17,697
700 County Grants	38,727	0	0	0	0	0	0	38,727
<b>Total</b>	<b>77,455</b>	<b>17,697</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>95,152</b>

**551-090 Dundalk Pump Station Rehabilitation**

Description: The existing raw wastewater pumps are aging and in need of replacement. The existing Dundalk Station is critical to the conveyance of wastewater from the heart of the City to the Back River WWTP.

Location: Dundalk Pump Station

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	2,074	4,195	0	0	0	0	0	6,269
700 County Grants	873	1,974	0	0	0	0	0	2,847
<b>Total</b>	<b>2,947</b>	<b>6,169</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,116</b>

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

Amounts in Thousands

**551-092 Rapid Sludge Loading Facility**

Description: Funds are needed for the rehabilitation of the Rapid Sludge Loading Facility at the Back River Wastewater Treatment Plant.

Location: Back River WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	292	3,240	0	0	0	0	3,532
700 County Grants	0	292	3,240	0	0	0	0	3,532
<b>Total</b>	<b>0</b>	<b>584</b>	<b>6,480</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,064</b>

**551-093 Back River WWTP Sludge Storage and DAF No. 3 and 4 Renovations**

Description: Renovations to the Sludge Storage and DAF No. 3 and 4 at Back River Wastewater Treatment Plant.

Location: Back River WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	602	4,213	0	0	0	0	4,815
700 County Grants	0	602	4,212	0	0	0	0	4,814
<b>Total</b>	<b>0</b>	<b>1,204</b>	<b>8,425</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,629</b>



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

Amounts in Thousands

**551-094 High Rate Facility Renovation at BRWWTP**

Description: Renovation of High Rate Facility at Back River Wastewater Treatment Plant.

Location: Back River WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	945	0	7,452	0	0	0	8,397
700 County Grants	0	945	0	7,452	0	0	0	8,397
<b>Total</b>	<b>0</b>	<b>1,890</b>	<b>0</b>	<b>14,904</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,794</b>

**551-095 Patapsco Sludge Digestion Facilities**

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

Location: Patapsco WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	0	0	1,728	69	0	0	1,797
700 County Grants	0	0	0	3,672	147	0	0	3,819
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,400</b>	<b>216</b>	<b>0</b>	<b>0</b>	<b>5,616</b>

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

Amounts in Thousands

**551-096 Patapsco WWTP Fine Screen Facility Rehab**

Description: Rehabilitate the concrete structure and update the equipment of the Fine Screen Facility at Patapsco WWTP.

Location: Patapsco WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	54	374	0	836	0	0	0	1,264
610 State Water Quality Revolving Loan Fund	0	0	0	3,888	0	0	0	3,888
700 County Grants	54	793	0	10,039	0	0	0	10,886
<b>Total</b>	<b>108</b>	<b>1,167</b>	<b>0</b>	<b>14,763</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,038</b>

**551-097 Patapsco WWTP PST Scum Collection System Improvements**

Description: Primary Settling Tanks (PST) at the Patapsco WWTP require rehabilitation of the scum collection systems.

Location: Patapsco WWTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	69	1,469	0	0	0	0	0	1,538
700 County Grants	146	3,122	0	0	0	0	0	3,268
<b>Total</b>	<b>215</b>	<b>4,591</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,806</b>

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

Amounts in Thousands

**551-098 Quad Avenue Pump Station Rehabilitation**

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

Location: Quad Avenue

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	594	3,888	324	0	0	0	4,806
<b>Total</b>	<b>0</b>	<b>594</b>	<b>3,888</b>	<b>324</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,806</b>

**551-099 Replacement of SC-973**

Description: The proposed on-call construction contract is needed to enable the City to take immediate action to clean, inspect, repair, rehabilitate and/or replace the sanitary sewer mains.

Location: Zone A

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	9,445	0	0	0	0	0	9,445
<b>Total</b>	<b>0</b>	<b>9,445</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,445</b>

**551-100 Replacement of SC-974**

Description: The proposed on-call construction contract is needed to enable the City to take immediate action to clean, inspect, repair, rehabilitate and/or replace the sanitary sewer mains.

Location: Zone B

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	0	9,445	0	0	0	0	0	9,445
<b>Total</b>	<b>0</b>	<b>9,445</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,445</b>

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

Amounts in Thousands

**551-526 Back River Egg-Shaped Digester Rehab**

Description: Seal and structurally repair concrete of existing digesters for the storage of digested sludge. Funding Wastewater Revenue 50%, County 50%.  
 Location: 8201 Eastern Ave

Impact on FY 2020 Operating Budget : 0

Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	1,188	1,026	0	18,765	0	0	0	20,979
700 County Grants	1,188	1,026	0	18,765	0	0	0	20,979
<b>Total</b>	<b>2,376</b>	<b>2,052</b>	<b>0</b>	<b>37,530</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41,958</b>

**551-692 Electrical Systems Upgrade**

Description: Upgrade, replace or rehabilitate critical electrical and control systems at the Back River and Patapsco Wastewater Treatment Plants to assure reliable performance and operations to allow the facilities to meet NPDES Permit criteria. (FY20 is for SC-926.)  
 Location: Patapsco Wastewater Treatment Plant

Impact on FY 2020 Operating Budget : 0

Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
302 Waste Water Revenue Bonds	28,037	22,446	0	0	0	0	0	50,483
520 Federal Infrastructure Loan (WIFIA)	0	13,117	0	0	0	0	0	13,117
700 County Grants	24,852	0	0	0	0	0	0	24,852
<b>Total</b>	<b>52,889</b>	<b>35,563</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>88,452</b>

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

Amounts in Thousands

**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 2020 Operating Budget : 0

Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	3,460	0	6,532	0	0	0	0	9,992
700 County Grants	3,710	0	0	0	0	0	0	3,710
<b>Total</b>	<b>7,170</b>	<b>0</b>	<b>6,532</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,702</b>

**557-005 Water Supply Tunnels Inspection & Rehabilitation**

Description: Investigate and rehabilitate as necessary the three main water supply tunnels: Loch Raven Reservoir to Montebello WFP(raw water); Liberty Reservoir to Ashburton WFP (raw water); and, Montebello WFP to Ashburton WFP.

Location: Various

Impact on FY 2020 Operating Budget : 0

Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	305	319	0	7,086	0	0	0	7,710
700 County Grants	476	221	0	4,659	0	0	0	5,356
<b>Total</b>	<b>781</b>	<b>540</b>	<b>0</b>	<b>11,745</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,066</b>

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

Amounts in Thousands

**557-011 Washington Boulevard Pump Station Rehabilitation**

Description: Rehabilitation of the equipment and structure of the Washington Blvd. Pump Station is required for continued reliable service to the City customers.

Location: 2402 Washington Blvd.

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	691	0	0	6,999	0	0	0	7,690
<b>Total</b>	<b>691</b>	<b>0</b>	<b>0</b>	<b>6,999</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,690</b>

**557-022 SCADA Single Platform**

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

Location: City-wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	6,300	0	1,800	0	0	0	0	8,100
700 County Grants	6,300	0	1,800	0	0	0	0	8,100
<b>Total</b>	<b>12,600</b>	<b>0</b>	<b>3,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,200</b>

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

Amounts in Thousands

**557-025 Ashburton Washwater Lake Dredging**

Description: Perform dredging operations in the Ashburton Washwater to remove residuals from operation the Ashburton WFP.

Location: Ashburton WFP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	3,292	753	0	0	0	0	0	4,045
700 County Grants	3,292	752	0	0	0	0	0	4,044
<b>Total</b>	<b>6,584</b>	<b>1,505</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,089</b>

**557-027 Ashburton WFP Low Lift Pump Controls and Power Upgrade**

Description: Perform upgrade to the Ashburton WFP Low Lift Pumps to improve operations and control.

Location: Ashburton WFP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	96	964	0	12,017	0	0	0	13,077
700 County Grants	66	656	0	8,179	0	0	0	8,901
<b>Total</b>	<b>162</b>	<b>1,620</b>	<b>0</b>	<b>20,196</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,978</b>

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

Amounts in Thousands

**557-036 Curtis Bay Tank Rehabilitation**

Description: Perform minor structural repairs and paint tank and supporting structure.

Location: Filbert Street near West Bay Avenue

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	162	0	25	3,291	0	0	0	3,478
700 County Grants	162	0	25	3,291	0	0	0	3,478
<b>Total</b>	<b>324</b>	<b>0</b>	<b>50</b>	<b>6,582</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,956</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
402 Water Utility Funds	2	1,069	0	0	0	0	0	1,071
700 County Grants	3,569	0	0	0	0	0	0	3,569
<b>Total</b>	<b>3,571</b>	<b>1,069</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,640</b>



**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: city wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
402 Water Utility Funds	52	7,369	0	0	0	0	0	7,421
<b>Total</b>	<b>52</b>	<b>7,369</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,421</b>

**557-049 Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase II- FY20**

Description: Rehabilitate, replace and repair various size new ductile iron pipe, valves, fittings, and appurtenances, replacement/ installation of fire hydrants, small (residential) meter settings and meter vaults and etc. per urgent need basis.

Location: city wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	6,918	0	77	0	0	0	0	6,995
700 County Grants	288	0	850	0	0	0	0	1,138
<b>Total</b>	<b>7,206</b>	<b>0</b>	<b>927</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,133</b>

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

Amounts in Thousands

**557-051 Montebello Lake Dredging**

Description: Dredge and rehabilitate Montebello Lake.

Location: Montebello WFP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	270	0	5,184	0	0	0	5,454
700 County Grants	0	270	0	5,184	0	0	0	5,454
<b>Total</b>	<b>0</b>	<b>540</b>	<b>0</b>	<b>10,368</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,908</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	11,572	0	0	0	0	0	600	12,172
<b>Total</b>	<b>11,572</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600</b>	<b>12,172</b>

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

Amounts in Thousands

**557-068 Urgent Need Reservoir Area - Roads & Culvert Repair & Rehabilitation**

Description: Rehabilitate & reconstruct roads associated with City-owned watersheds. Rehabilitation/reconstruction to include Phoenix Road, Warren Road, Nicodemus Road, Beckleysville Road, George's Creek Road, Spook Hill Road, and Loch Raven Drive.

Location: Various

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	54,358	0	16,800	0	0	0	0	71,158
700 County Grants	36,442	0	11,200	0	0	0	0	47,642
<b>Total</b>	<b>90,800</b>	<b>0</b>	<b>28,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>118,800</b>

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

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

Location: city wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	158	10,391	0	0	10,549
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>158</b>	<b>10,391</b>	<b>0</b>	<b>0</b>	<b>10,549</b>

**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: city wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	137	0	0	0	25	10,400	0	10,562
<b>Total</b>	<b>137</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>10,400</b>	<b>0</b>	<b>10,562</b>

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

Amounts in Thousands

**557-075 WC-1367|Water Main Rehabilitation**

Description: The project consists of approximately 33,000 LF of cleaning and lining of water mains throughout the City of Baltimore.

Location: city wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	803	5,256	0	0	0	0	0	6,059
<b>Total</b>	<b>803</b>	<b>5,256</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,059</b>

**557-078 WCTBD Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase I- FY20**

Description: Urgent need contract

Location: City-Wide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	310	6,685	0	0	0	0	0	6,995
700 County Grants	14	1,124	0	0	0	0	0	1,138
<b>Total</b>	<b>324</b>	<b>7,809</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,133</b>

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

Amounts in Thousands

**557-087 Urgent Need Water Infrastructure Rehabilitation- Phase I- FY19 - 1000510**

Description: The purpose of this contract is to rehabilitate, replace and repair various size new ductile iron pipe, valves, fittings, and appurtenances, replacement/installation of fire hydrants, small (residential) meter settings and meter vaults.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	7,103	0	0	0	0	0	0	7,103
700 County Grants	213	114	0	0	0	0	0	327
<b>Total</b>	<b>7,316</b>	<b>114</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,430</b>

**557-098 Future Water Main Replacement**

Description: This is a service contract for program management support, design services, and inspection for DPW water contracts.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	330	8,126	0	0	0	0	0	8,456
<b>Total</b>	<b>330</b>	<b>8,126</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,456</b>

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

Amounts in Thousands

**557-101 Water Mains - Installation**

Description: Install water mains as needed to provide adequate water pressure and flows to serve users and fight fires. Such work will be performed in conjunction with work required by other city agencies such as the Dept. of Transportation.

Location: Various

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	6,744	0	0	0	0	0	6,744
<b>Total</b>	<b>0</b>	<b>6,744</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,744</b>

**557-105 Montebello WFP 1 & 2 Filter Control Panel**

Description: Funds are needed to replace the Filter Control Panels at Montebello WFP 1 & 2 to maintain operations functionality and performance reliability of aging control critical to WFPs performance and permit compliance.

Location: City-Wide Water Service Area

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	68	680	0	0	0	0	0	748
700 County Grants	68	680	0	0	0	0	0	748
<b>Total</b>	<b>136</b>	<b>1,360</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,496</b>

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

Amounts in Thousands

**557-106 Montebello WFP 2 Sedimentation Basins**

Description: Funds are needed to rehabilitate and repair concrete and structure of the Sedimentation Basins at Montebello WFP 2, and maintain operations functionality and performance reliability of aging systems critical to WFPs performance and permit compliance.

Location: City Wide Water Service Area

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	176	1,984	0	0	0	0	0	2,160
700 County Grants	176	1,984	0	0	0	0	0	2,160
<b>Total</b>	<b>352</b>	<b>3,968</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,320</b>

**557-114 Montbello WFP 2 Dehumidification Improvements**

Description: Funds are needed to rehabilitate, repair, and or replace Montebello WFP 2 Dehumidification Systems to maintain operations functionality and performance reliability of aging systems. Since 2010 when the existing dehumidification system was dismantled

Location: City-Wide Water Service Area

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	176	1,984	0	0	0	0	0	2,160
700 County Grants	176	1,984	0	0	0	0	0	2,160
<b>Total</b>	<b>352</b>	<b>3,968</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,320</b>

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

Amounts in Thousands

**557-116 Valve and Fire Hydrant Assessment Operation and Maintenance R2**

Description: The scope of this project includes assessment, operation and maintenance of valves between 2-120 inch sizes and assessment, operation and maintenance of fire hydrants.

Location: Baltimore City/Baltimore County

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	648	0	0	0	0	648
700 County Grants	0	0	648	0	0	0	0	648
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,296</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,296</b>

**557-117 Urgent Need Water Infrastructure Rehab and Improvement-Phase III-FY20**

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

Location: Various Locations

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	100	6,476	0	0	0	0	0	6,576
700 County Grants	17	1,540	0	0	0	0	0	1,557
<b>Total</b>	<b>117</b>	<b>8,016</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,133</b>



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

Amounts in Thousands

**557-118 Water Main Replacement and Rehabilitation**

Description: This project will be implemented as part of the FY25 15-mile goal.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	1,140	0	0	1,140
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,140</b>	<b>0</b>	<b>0</b>	<b>1,140</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
402 Water Utility Funds	0	10,439	0	0	0	0	0	10,439
<b>Total</b>	<b>0</b>	<b>10,439</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,439</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
402 Water Utility Funds	0	229	12,940	0	0	0	0	13,169
<b>Total</b>	<b>0</b>	<b>229</b>	<b>12,940</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,169</b>

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

Amounts in Thousands

**557-129 WC-1386 I Urgent Need Water Infrastructure Rehabilitation-Phase II**

Description: The purpose of this contract is to rehabilitate, replace and repair 6 inch through 24 inch ductile iron pipe.

Location: Various Locations

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	4,306	2,100	0	0	0	0	0	6,406
700 County Grants	701	342	0	0	0	0	0	1,043
<b>Total</b>	<b>5,007</b>	<b>2,442</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,449</b>

**557-132 WC-1388 I Urgent Need Water Infrastructure Rehabilitation and Improvements- Phase III**

Description: The purpose of this contract is to rehabilitate, replace and repair 6 inch through 24 inch ductile iron pipe.

Location: Various Locations

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	4,549	0	0	0	0	0	4,549
700 County Grants	0	741	0	0	0	0	0	741
<b>Total</b>	<b>0</b>	<b>5,290</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,290</b>

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

Amounts in Thousands

**557-134 Harford Road over Herring Run Bridge**

Description: Project will reduce impacts to traffic, water service in city homes, county customers, city businesses and risk to human life or property due to catastrophic failure.

Location: Herring Run Bridge

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	1,459	0	0	0	0	0	1,459
<b>Total</b>	<b>0</b>	<b>1,459</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,459</b>

**557-138 WM Replacement Carrollton Ave Vicinity**

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

Location: Carrollton Ave

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
402 Water Utility Funds	0	148	8,454	0	0	0	0	8,602
<b>Total</b>	<b>0</b>	<b>148</b>	<b>8,454</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,602</b>

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

Amounts in Thousands

**557-139 Earthen Dam Rehabilitation**

Description: Funds are needed to rehabilitate and repair Earthen Dams for water treatment facility systems to maintain operations functionality and performance reliability of aging systems critical to WFPs performance and permit compliance.

Location: Earthen Dam

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	76	270	0	3,240	0	0	0	3,586
700 County Grants	75	270	0	3,240	0	0	0	3,585
<b>Total</b>	<b>151</b>	<b>540</b>	<b>0</b>	<b>6,480</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,171</b>

**557-140 WM Replacement Sequoi Ave, Grantley Rd Vicinity**

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

Location: Sequoi Ave, Grantley Rd Vicinity

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
402 Water Utility Funds	0	0	0	0	0	162	10,535	10,697
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>162</b>	<b>10,535</b>	<b>10,697</b>

**557-141 WM Replacement Cross St. Vicinity**

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

Location: Cross St. Vicinity

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	353	19,947	0	0	0	20,300
<b>Total</b>	<b>0</b>	<b>0</b>	<b>353</b>	<b>19,947</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,300</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	0	152	8,564	8,716
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>152</b>	<b>8,564</b>	<b>8,716</b>

**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: Spring Lake Way Vicinity

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	291	16,488	0	0	16,779
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>291</b>	<b>16,488</b>	<b>0</b>	<b>0</b>	<b>16,779</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	143	8,087	0	0	8,230
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>143</b>	<b>8,087</b>	<b>0</b>	<b>0</b>	<b>8,230</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	0	196	11,077	11,273
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>196</b>	<b>11,077</b>	<b>11,273</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	0	162	7,737	7,899
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>162</b>	<b>7,737</b>	<b>7,899</b>

**557-152 Hilen & Pen Lucy North WM Replacements**

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

Location: Hilen & Pen Lucy North

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	355	20,266	0	20,621
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>355</b>	<b>20,266</b>	<b>0</b>	<b>20,621</b>

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

Amounts in Thousands

**557-154 Conckling St., Russell St, & Vicinity WM Replacements**

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

Location: Conckling St., Russell St, & Vicinity

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
402 Water Utility Funds	0	0	0	0	0	173	9,808	9,981
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>173</b>	<b>9,808</b>	<b>9,981</b>

**557-155 Downtown, Bolton Hill, Guilford Neighborhoods, Vicinity Water Main Replacement**

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

Location: Downtown, Bolton Hill, Guilford Neighborhoods, Vicinity

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
402 Water Utility Funds	0	0	0	540	24,336	0	0	24,876
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540</b>	<b>24,336</b>	<b>0</b>	<b>0</b>	<b>24,876</b>

**557-156 Westfield WM Replacements**

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

Location: Westfield

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	0	627	10,981	11,608
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>627</b>	<b>10,981</b>	<b>11,608</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	268	14,341	0	14,609
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>268</b>	<b>14,341</b>	<b>0</b>	<b>14,609</b>

**557-159 Madison St 30" Main**

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

Location: Madison St

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	162	5,558	0	5,720
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>162</b>	<b>5,558</b>	<b>0</b>	<b>5,720</b>

**557-161 WC-1302 Replacement No.1 WC-1302 Replacement No.1 for On-Call Large Water Main Repairs**

Description: This project consists of on-call carbon fiber reinforced polymer large water main repairs of assets that were inspected under Project 1201 which were assessed to need immediate attention.

Location: Various Locations

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	1,620	0	0	0	0	0	1,620
700 County Grants	0	1,620	0	0	0	0	0	1,620
<b>Total</b>	<b>0</b>	<b>3,240</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,240</b>



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

Amounts in Thousands

**557-165 Cotter Road**

Description: Watershed Road & Bridge Maintenance

Location: Cotter Road

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	260	1,596	0	1,856
700 County Grants	0	0	0	0	173	1,064	0	1,237
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>433</b>	<b>2,660</b>	<b>0</b>	<b>3,093</b>

**557-166 Montebello Plant 1 Improvements (Membranes)**

Description: Montebello WTP Filter Renovation

Location: Montebello WTP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	2,138	0	0	0	324	0	389	2,851
700 County Grants	1,067	0	0	0	216	0	259	1,542
<b>Total</b>	<b>3,205</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540</b>	<b>0</b>	<b>648</b>	<b>4,393</b>

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

Amounts in Thousands

**557-167 Ashburton Water Filtration Plant Rehab**

Description: Reserve -Water Facilities Improvements

Location: Ashburton WFP

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	194	3,166	0	0	0	3,360
700 County Grants	0	0	130	2,111	0	0	0	2,241
<b>Total</b>	<b>0</b>	<b>0</b>	<b>324</b>	<b>5,277</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,601</b>

**557-168 Montebello 1 Finished Reservoir Structure Study**

Description: Reserve -Water Facilities Improvements

Location: Montebello

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	389	0	0	3,984	0	0	0	4,373
700 County Grants	259	0	0	2,656	0	0	0	2,915
<b>Total</b>	<b>648</b>	<b>0</b>	<b>0</b>	<b>6,640</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,288</b>

**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: Various

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	10,800	0	0	0	0	10,800
700 County Grants	0	0	10,800	0	0	0	0	10,800
<b>Total</b>	<b>0</b>	<b>0</b>	<b>21,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,600</b>

**557-170 Montebello Plant 2 Improvements**

Description: Rehabilitate, replace, and upgrade current systems for process, HVAC, electrical, and structural components.

Location: Montebello

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	2,689	0	35,489	0	0	0	38,178
700 County Grants	0	1,793	0	22,831	0	0	0	24,624
<b>Total</b>	<b>0</b>	<b>4,482</b>	<b>0</b>	<b>58,320</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62,802</b>

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

Amounts in Thousands

**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: Ashburton

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	972	718	0	0	27,000	0	28,690
<b>Total</b>	<b>0</b>	<b>972</b>	<b>718</b>	<b>0</b>	<b>0</b>	<b>27,000</b>	<b>0</b>	<b>28,690</b>

**557-172 WM Rehab Madison St, Aisquit St, Saint George's and Old York Rd.**

Description: This project directly contributes 0.40 miles to the Director's 15-mile initiative for FY19.

Location: Madison St, Aisquit St, Saint George's and Old York Rd

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	9,353	0	0	0	0	0	9,353
<b>Total</b>	<b>0</b>	<b>9,353</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,353</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	8,388	0	0	0	0	0	8,388
<b>Total</b>	<b>0</b>	<b>8,388</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,388</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	525	10,469	0	0	0	0	0	10,994
<b>Total</b>	<b>525</b>	<b>10,469</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,994</b>

**557-175 WM Replacement Baltimore St. , Fulton Ave et al**

Description: Water Infrastructure Rehabilitation

Location: Fulton Ave

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
402 Water Utility Funds	1,000	13,268	0	0	0	0	0	14,268
<b>Total</b>	<b>1,000</b>	<b>13,268</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,268</b>

**557-176 Upper Fells Point & West Canton WM Replacements**

Description: Water Infrastructure Rehabilitation

Location: Fells Point & West Canton

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	15,437	0	0	0	0	0	15,437
<b>Total</b>	<b>0</b>	<b>15,437</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,437</b>

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

Amounts in Thousands

**557-177 Barclay and Vicinity WM Replacements**

Description: Water Infrastructure Rehabilitation

Location: Barclay and Vicinity

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	405	20,620	0	0	0	0	21,025
402 Water Utility Funds	0	0	2,223	0	0	0	0	2,223
<b>Total</b>	<b>0</b>	<b>405</b>	<b>22,843</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23,248</b>

**557-178 Keswick Road & Vicinity WM Replacements**

Description: Water Infrastructure Rehabilitation

Location: Keswick Road

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	342	11,009	0	0	0	0	0	11,351
700 County Grants	8	233	0	0	0	0	0	241
<b>Total</b>	<b>350</b>	<b>11,242</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,592</b>

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	5,496	0	0	0	48,102	53,598
700 County Grants	0	0	289	0	0	0	2,532	2,821
<b>Total</b>	<b>0</b>	<b>0</b>	<b>5,785</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,634</b>	<b>56,419</b>

**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, avoidance of unplanned loss of water service due to nee

Location: Various Locations

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	49,702	0	0	0	0	49,702
700 County Grants	0	0	39,051	0	0	0	0	39,051
<b>Total</b>	<b>0</b>	<b>0</b>	<b>88,753</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>88,753</b>

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

Amounts in Thousands

**557-183 Proj-TR-12317|Water Mains - Central Avenue & Harbor Design**

Description: Small Water Mains

Location: Central Avenue & Harbor

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	7,848	807	0	0	0	0	0	8,655
<b>Total</b>	<b>7,848</b>	<b>807</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,655</b>

**557-184 WC-1301 Replacement no. 1**

Description: The scope of this project includes repairs to large diameter water mains.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	10,457	0	0	0	0	10,457
<b>Total</b>	<b>0</b>	<b>0</b>	<b>10,457</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,457</b>

**557-185 WC-1301 Replacement no. 2**

Description: The scope of this project includes repairs to large diameter water mains.

Location: WC-1301 Replacement no. 2

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	10,457	0	0	10,457
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,457</b>	<b>0</b>	<b>0</b>	<b>10,457</b>



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

Amounts in Thousands

**557-186      Susquehanna Transmission Main Valve Replacement, Section 2**

Description: Susquehanna Transmission

Location: Susquehanna

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	3,968	0	0	0	0	3,968
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3,968</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,968</b>

**557-187      WC 1301 Replacement No. 3**

Description: The scope of this project includes repairs to large diameter water mains.

Location: WC 1301 Replacement No. 3

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	0	0	10,457	10,457
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,457</b>	<b>10,457</b>

**557-188      WC 1302 Replacement no. 3**

Description: The scope of this project includes carbon fiber repairs to the large diameter Prestressed Concrete Cylinder Pipe (PCCP)water mains.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	1,899	0	0	1,899
700 County Grants	0	0	0	0	1,341	0	0	1,341
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,240</b>	<b>0</b>	<b>0</b>	<b>3,240</b>

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

Amounts in Thousands

**557-189 WM Replacement & Rehabilitation Various Locations, Replacement 2**

Description: Water Infrastructure Rehabilitation

Location: Various Locations

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	371	7,666	0	0	0	8,037
<b>Total</b>	<b>0</b>	<b>0</b>	<b>371</b>	<b>7,666</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,037</b>

**557-190 WC-1302 Replacement no. 4**

Description: The scope of this project includes carbon fiber repairs to the large diameter Prestressed Concrete Cylinder Pipe (PCCP) water mains.

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	0	0	0	0	0	1,620	1,620
700 County Grants	0	0	0	0	0	0	1,620	1,620
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,240</b>	<b>3,240</b>

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

Amounts in Thousands

**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 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	324	0	0	0	0	0	324
402 Water Utility Funds	0	324	0	0	0	0	0	324
700 County Grants	0	648	0	0	0	0	0	648
<b>Total</b>	<b>0</b>	<b>1,296</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,296</b>

**557-192 Proj-1201|Large Diameter Main Renewal Program**

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

Location: Citywide

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	1,713	0	0	0	0	0	1,713
700 County Grants	0	1,713	0	0	0	0	0	1,713
<b>Total</b>	<b>0</b>	<b>3,426</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,426</b>

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

Amounts in Thousands

**557-193 TR-14301 Sisson Street Bridge over CSX**

Description: This project consist of approximately 500LF of water main replacement to be performed by DOT as part of the DOT'S roadway projects. This project is accordance to DPW/DOT participation agreement dates April 24, 2012.

Location: Sisson Street Bridge over CSX

					Impact on FY 2020 Operating Budget : 0			
Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	508	0	0	0	0	0	508
<b>Total</b>	<b>0</b>	<b>508</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>508</b>

**557-194 TR-14309 Remington Avenue Bridge Over Stony Run**

Description: This project consists of approximately 350 linear feet of water main replacement to be performed by DOT as a part of the DOT'S roadway projects. This project is in accordance to DPW/DOT participation agreement dated April 24, 2012.

Location: Remington Avenue Bridge Over Stony Run

					Impact on FY 2020 Operating Budget : 0			
Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	632	0	0	0	0	0	632
<b>Total</b>	<b>0</b>	<b>632</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>632</b>

**557-195 TR-16301 Broening Highway Over Colgate Creek**

Description: This project consists of approximately 855 linear feet of water main replacement to be performed by DOT as part of the DOT'S roadway projects. This project is in accordance to DPW/DOT participation agreement dated April 24 , 2012.

Location: Broening Highway Over Colgate Creek

					Impact on FY 2020 Operating Budget : 0			
Source of Funds	Apr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	1,348	0	0	0	0	0	1,348
<b>Total</b>	<b>0</b>	<b>1,348</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,348</b>

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

Amounts in Thousands

**557-197 TR-12309 Wilkens Ave Bridge Over Gwynns Falls**

Description: This project consists of approximately 274 linear feet of water main replacement to be performed by DOT as part of the DOT'S roadway projects. This project is in accordance to DPW/DOT participation agreement dated April 24 , 2012.

Location: Wilkens Ave Bridge Over Gwynns Falls

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	0	348	0	0	0	0	0	348
<b>Total</b>	<b>0</b>	<b>348</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>348</b>

**557-300 Urgent Needs Water Facilities Annual Improvement**

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

Location: Various

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	2,591	0	0	14,430	0	0	0	17,021
700 County Grants	1,728	0	0	9,547	0	0	0	11,275
<b>Total</b>	<b>4,319</b>	<b>0</b>	<b>0</b>	<b>23,977</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,296</b>

**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: Various

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	27,655	0	11,063	0	0	0	0	38,718
700 County Grants	18,437	0	7,375	0	0	0	0	25,812
<b>Total</b>	<b>46,092</b>	<b>0</b>	<b>18,438</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>64,530</b>

**557-716 Druid Lake Finished Water Reservoir Improvements**

Description: Design and construct covered finished water reservoirs at Druid Lake, including valve replacements and control improvements.

Location: 718 Druid Park Lake Drive

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	91,769	949	0	0	0	0	0	92,718
700 County Grants	82,546	0	0	0	0	0	0	82,546
<b>Total</b>	<b>174,315</b>	<b>949</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>175,264</b>

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

Amounts in Thousands

**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: Liberty Dam

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	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
<b>Total</b>	<b>1,309</b>	<b>0</b>	<b>20,162</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,471</b>

**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: Cromwell

Impact on FY 2020 Operating Budget : 0

Source of Funds	Appr. to date	2020	2021	2022	2023	2024	2025	Total
301 Water Revenue Bonds	1,031	0	12,653	0	0	0	0	13,684
700 County Grants	1,820	0	22,010	0	0	0	0	23,830
<b>Total</b>	<b>2,851</b>	<b>0</b>	<b>34,663</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,514</b>