



# **FY 2025 – 2029 Capital Improvement Program FY 2025 Capital Budget (Proposed Budget Amendment)**

**BOWC CIPO Committee**

October 2, 2024

# Highlights of Proposed Budget Amendment



This presentation summarizes the changes proposed for the FY 2025 Capital Plan and the FY 2025 – 2029 Capital Improvement Program (CIP) approved by the Board of Water Commissioners on April 17, 2024.

## Water Fund Changes

- Requesting approval to change the funding source from State Revolving Fund to Bond Fund for the Lead Service Line Replacement Program for \$30 million.
- The change would Increase funding for FY 2025 and FY 2026 by \$15 million each year via Bond funding and reduces SRF funding by \$6 million each year for the 5 fiscal years with a net zero \$ impact on the 5-year CIP Budget as shown below:

<i>Amounts in \$000</i>												
Water CIP Projects												
Contract #	Description	Status	Funding Source	Total Project Cost	Approved Through June 30, 2024	2024-25	2025-26	2026-27	2027-28	2028-29	2025-2029	Comments
TBD	Lead Service Lines Replacement	N	SRF	(31,203)	(1,203)	(6,000)	(6,000)	(6,000)	(6,000)	(6,000)	(30,000)	Deletion from approved budget
WS-TBD	Lead Service Line Replacement	N	Bond	30,000	-	15,000	15,000	-	-	-	30,000	Addition to amended budget
<b>Net Change</b>											<b>\$ -</b>	

# Highlights of Proposed Budget Amendment



## Sewer Fund Changes

- Requesting approval to transfer \$2.5 million to the Brightmoor/Minock Stormwater Improvement project from Emergency Sewer Repair budget for FY 2025. Slide 4 gives a brief overview of the project why transfer is requested.
- Requesting approval to transfer funds from PC 812, PC 813 and PC 817 to PC 814 and CS 1884 and the purchase of certain machines for \$500,000 (see slide 5 for why transfer is requested) with a net zero \$ impact on the FY 2025 budget and the 5-Year CIP Budget. The net positive impact of \$974,000 shown below is due to funds received from DTE Energy for Stormwater projects:

Contract #	Description	Status	Funding Source	Total Project Cost	Approved Through June 30, 2024	2024-25	2025-26	2026-27	2027-28	2028-29	2025-2029	Comments
DWS-TBD	Emergency Sewer Repair	A	I&E	(2,500)	-	(2,500)	-	-	-	-	(2,500)	Deletion from approved budget
PC-TBD	Brightmoor/Minock Park Stormwater	N	I&E	2,500	-	2,500	-	-	-	-	2,500	Addition to amended budget
PC-812	Brightmoor GSI Construction (EPA)	N	I&E	(500)	(450)	(50)	-	-	-	-	(50)	Deletion from approved budget
PC-813	Bentler-Westbrook Construction (NFWF)	N	I&E	(290)	(225)	(65)	-	-	-	-	(65)	Deletion from approved budget
PC-817	Minock Park GSI (EGLE)	N	I&E	(289)	(86)	(203)	-	-	-	-	(203)	Deletion from approved budget
PC-814	Minock Park Greening Construction	N	I&E	(350)	-	(350)	-	-	-	-	(350)	Deletion from approved budget
PC-814	Minock Park Greening Construction	N	I&E	1,429	761	668	-	-	-	-	668	Addition to amended budget
PC-814	Minock Park Greening Construction	N	DTE	974	-	974	-	-	-	-	974	Addition to amended budget
PC-814	Minock Park Greening Construction	N	I&E	(1,243)	-	(1,243)	-	-	-	-	(1,243)	Deletion from approved budget
CS-1884	Green Infrastructure Program Man	A	I&E	1,243	-	1,243	-	-	-	-	1,243	Addition to amended budget
CS-1884	Green Infrastructure Program Management	A	I&E	(500)	-	(500)	-	-	-	-	(500)	Deletion from approved budget
Various	Vehicle and Equipment Purchases	N	I&E	500	-	500	-	-	-	-	500	Addition to amended budget
<b>Net Change</b>											<b>\$ 974</b>	

# Highlights of Proposed Budget Amendment



## Brightmoor/Minock Stormwater Improvement Project Request

- DWSD is implementing the Brightmoor Stormwater Improvement Project to utilize green stormwater infrastructure and install a network of stormwater sewers on the City's west side to mitigate flooding.
- Funds are needed to acquire property within the project area by July 1, 2025.
- The proposed Brightmoor Stormwater Improvement Project includes installing a network of stormwater sewers on the City's westside in 3-5 neighborhoods which will redirect stormwater to a pond and several bioretention sites in Brightmoor to promote flow reduction and filter the stormwater before releasing it to the Rouge River during rain events and snowmelt.
- The project will remove more than 100 million gallons annually of stormwater from the combined sewer system.
- The pond installation is a 25-acre area which currently includes 13 privately-owned houses, 3 urban farms, 10 vacant parcels, and more than 175 Detroit Land Bank Authority (DLBA) parcels.
- DWSD must acquire all privately owned and DLBA owned property within the project area in order to move forward.
- The total estimate for acquisition is \$2.5 - \$4 million. Funding for acquisition is needed as soon as possible to continue the process and begin formal closings by January 1, 2025.
- DWSD is in the process of applying for a variety of grants, including a \$20 million EPA grant, that may be able to reimburse the selected funding mechanism.

# Highlights of Proposed Budget Amendment



## Machine Purchase Request

- The acquisition of 4 mini excavators is proposed to enhance the capacity for efficient and effective water and sewer repairs.
- These versatile machines will significantly improve the ability to handle excavation tasks with precision and agility, minimizing disruption to surrounding areas and streamlining the repair process.
- The compact size of these machines make them ideal for accessing tight spaces and urban environments where larger equipment is impractical.
- Investing in these mini excavators will boost the operational efficiency and reduce overall project timelines and costs, ultimately benefiting service quality and community satisfaction.
- The costs of these machines are not in the original approved budget.
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# Summary of the Proposed Amended FY 2025 -2029 5-Year Capital Improvement Program (CIP) and FY 2025 Capital Budget



Category	2024-25	2025-26	2026-27	2027-28	2028-29	Total 2025-2029
<b>Water Main</b>	\$ 103,558	\$ 102,429	\$ 79,562	\$ 54,699	\$ 50,340	\$ 390,588
<b>Sewer Line Replacement</b>	45,302	77,438	91,659	63,934	46,062	324,395
<b>Green Infrastructure</b>	32,413	61,072	32,260	12,460	3,800	142,005
<b>Central Services</b>	19,374	9,140	8,144	6,690	4,694	48,042
<b>Meters/Fire Hydrants</b>	4,700	4,700	4,100	4,100	3,600	21,200
<b>Lead Service Line Replacement</b>	40,003	26,824	1,849	1,874	1,900	72,450
<b>Total</b>	<b>\$ 245,350</b>	<b>\$ 281,603</b>	<b>\$ 217,574</b>	<b>\$ 143,757</b>	<b>\$ 110,396</b>	<b>\$ 998,680</b>
Amounts in '000						
<b>Water</b>	\$ 156,848	\$ 137,423	\$ 88,783	\$ 63,218	\$ 57,637	\$ 503,909
<b>Sewer</b>	88,502	144,180	128,791	80,539	52,759	494,771
<b>Total</b>	<b>\$ 245,350</b>	<b>\$ 281,603</b>	<b>\$ 217,574</b>	<b>\$ 143,757</b>	<b>\$ 110,396</b>	<b>\$ 998,680</b>

- There is no change in the 5-year Program costs as a result of the amendment in the Water Fund. The total 5-year costs remains at \$503.9 million as presented in the original approved budget.
- The FY 2025 and FY 2026 total costs have increased by \$9 million each year and FY 2027 through FY 2029 costs have decreased by \$ 6 million each year resulting in a zero \$ impact on the 5-year Program as a result of this proposed amendment in the Water Fund.
- The Sewer Fund budget shows an increase of \$974,000 compared to the original approved budget.
- This is due to \$974,000 funding received from DTE Energy for Storm water projects and the increase is reflected in the FY 2025 budget and in the 5-year total.



# Proposed Amended FY 2025 I&E and Construction Fund Budgets - Both Funds

Water I&E Fund		
Revenues (Sources of Funds)	2024-25 (Adopted)	2024-25 (Amended)
Grants	52,992,000	52,992,000
State Revolving Fund	16,000,000	10,000,000
Lease Payment	22,500,000	22,500,000
I&E Fund	26,166,000	26,166,000
Investment Income	1,000,000	1,000,000
Non-Cash Offset	810,000	810,000
<b>Total Revenues</b>	<b>\$ 119,468,000</b>	<b>\$ 113,468,000</b>
Expenses (Use of Funds)		
Lead Service Line Replacement Program	6,800,000	800,000
Field Engineering Capital Costs	4,300,000	4,300,000
Capital Outlay - Other	103,342,250	103,342,250
License, Inspection & Permit Fee	1,000,000	1,000,000
Acquisitions-Vehicle	3,205,750	3,205,750
Bank Fees	10,000	10,000
Amortization of Premium on Bonds	810,000	810,000
<b>Total Expenses</b>	<b>\$ 119,468,000</b>	<b>\$ 113,468,000</b>

Water Bond Fund		
Revenues (Sources of Funds)	2024-25 (Adopted)	2024-25 (Amended)
Bond Fund	\$ 27,202,000	\$ 42,202,000
Interest Income	2,000,000	2,000,000
<b>Total Revenues</b>	<b>\$ 29,202,000</b>	<b>\$ 44,202,000</b>
Expenses (Use of Funds)		
Capital Outlay	29,200,000	44,200,000
Bank Fees	2,000	2,000
<b>Total Expenses</b>	<b>\$ 29,202,000</b>	<b>\$ 44,202,000</b>

Sewer I&E Fund		
Revenues (Sources of Funds)	2023-24 (Adopted)	2024-25 (Proposed)
Grants	37,246,000	37,246,000
CDBG Grant for Private Sewer Line Repair/Upgrade	656,000	656,000
Lease payment	27,500,000	27,500,000
I&E Fund	8,376,500	8,376,500
DTE	-	974,000
Interest Income	500,000	500,000
Non-Cash Offset	430,000	430,000
<b>Total Revenues</b>	<b>\$ 74,708,500</b>	<b>\$ 75,682,500</b>
Expenses (Use of Funds)		
Field Engineering Capital Costs	3,900,000	3,900,000
Capital Outlay - Other	66,516,250	67,490,250
Private Sewer Line Repair/Upgrade	656,000	656,000
Acquisitions-Vehicle	3,205,750	3,205,750
Bank Fees	500	500
Amortization of Premium on Bonds	430,000	430,000
<b>Total Expenses</b>	<b>\$ 74,708,500</b>	<b>\$ 75,682,500</b>

Sewer Bond Fund		
Revenues (Sources of Funds)	2024-25 (Adopted)	2024-25 (Amended)
Bond Fund	\$ 12,250,900	\$ 12,250,900
Interest Income	1,000,000	1,000,000
<b>Total Revenues</b>	<b>13,250,900</b>	<b>13,250,900</b>
Expenses (Use of Funds)		
Capital Outlay	\$ 13,250,000	\$ 13,250,000
Bank Fees	900	900
<b>Total Expenses</b>	<b>\$ 13,250,900</b>	<b>\$ 13,250,900</b>

# Summary of Amended Funding Sources



Water						
Sources of Funds	2024-25	2025-26	2026-27	2027-28	2028-29	2025 - 2029
Bond	\$ 44,200	\$ 56,740	\$ 26,750	\$17,250	\$12,250	\$ 157,190
DWSRF	10,000	20,000	20,000	15,000	15,000	80,000
I&E	48,333	42,596	41,307	30,902	30,321	193,459
Grant	52,992	17,510	-	-	-	70,502
GLWA Cost Share	1,323	577	726	66	66	2,758
<b>Total (in'000)</b>	<b>\$ 156,848</b>	<b>\$ 137,423</b>	<b>\$ 88,783</b>	<b>\$63,218</b>	<b>\$57,637</b>	<b>\$ 503,909</b>

  

Sewer						
Sources of Funds	2024-25	2025-26	2026-27	2027-28	2028-29	2025 - 2029
Bond	\$ 13,250	\$ 26,550	\$ 35,250	\$19,250	\$ 2,250	\$ 96,550
DWSRF	-	58,480	37,760	12,960	10,000	119,200
I&E	35,054	32,015	42,384	40,591	38,471	188,515
Grant	37,902	26,557	12,671	7,672	1,972	86,774
DTE	974					
GLWA Cost Share	1,322	578	726	66	66	2,758
<b>Total (in '000)</b>	<b>\$ 88,502</b>	<b>\$ 144,180</b>	<b>\$ 128,791</b>	<b>\$80,539</b>	<b>\$52,759</b>	<b>\$ 494,771</b>

- Changes include increasing the Bond funding in FY 2025 and 2026 and reduction of State Revolving Fund (SRF) funding for Lead Service Line Replacement in the Water Fund.
- Changes in the Sewer Fund includes an addition of \$974,000 in FY 2025 for Stormwater projects via DTE Energy funds.
- The next few slides summarize all the projects that make up the CIP Budget. Yellow highlights for the Water and Sewer projects indicate projects that are impacted by the proposed amendment.



Amounts in \$000

## Amended Water CIP Projects

Contract #	Description	Status	Funding Source	Total Project Cost	Approved Through June 30, 2024	2024-25	2025-26	2026-27	2027-28	2028-29	2025-2029
WS-717	Replacement of Water Mains - Various	A	I&E	\$13,694	\$13,694	\$ -	\$ -	\$ -	\$ -	\$ -	
WS-TBD	To Replace WS - 717	N	Bond	15,000	-	5,000	7,000	3,000	-	-	15,000
WS-719	Major Repair/Improvement of Water Mains including restoration	A	I&E	28,649	28,649	-	-	-	-	-	-
WS-TBD	To Replace WS - 719	N	I&E	50,000	-	12,000	12,000	12,000	7,000	7,000	50,000
WS-720	Replacement of Water Mains - Various	A	Bond	13,446	13,446	-	-	-	-	-	-
WS-721	Lead Service Line Replacement	A	Grant	10,000	10,000	-	-	-	-	-	-
WS-725	Watermain Replacement-Medical Ctr, Cultural Ctr & Midtown	N	Grant	16,550	10,000	6,550	-	-	-	-	6,550
WS-725	Watermain Replacement-Medical Ctr, Cultural Ctr & Midtown	N	Bond	3,450	-	3,450	-	-	-	-	3,450
WS-732	Water Main Replacement and Rehab, Various Locations - West of Livernois Ave.	A	Grant	12,792	7,000	5,792	-	-	-	-	5,792
WS-733	Water Main Replacement, Various Locations - East of Livernois Avenue	A	Grant	14,447	7,000	7,447	-	-	-	-	7,447
WS-735	Lead Service Lines Replacement -Various Location	A	Grant	24,703	17,000	7,703	-	-	-	-	7,703
WS-736	Emergency Watermain Break Repair	A	I&E	7,834	5,000	2,834	-	-	-	-	2,834
WS-TBD	To Replace WS - 736	A	I&E	18,000	-	2,000	4,000	4,000	4,000	4,000	18,000
WS-737	Lead Service Lines Replacement Contracts	A	Grant	45,000	20,000	15,000	10,000	-	-	-	25,000
N/A	Lead Service Lines Replacement - Internal	A	Grant	5,297	5,297	-	-	-	-	-	-
TBD	Lead Service Lines Replacement	N	SRF	31,203	1,203	6,000	6,000	6,000	6,000	6,000	30,000
TBD	Lead Service Lines Replacement	N	SRF	(31,203)	(1,203)	(6,000)	(6,000)	(6,000)	(6,000)	(6,000)	(30,000)
WS -TBD	Lead Service Line Replacement	N	Bond	30,000	-	15,000	15,000	-	-	-	30,000
N/A	Lead Service Lines Replacement - Internal	N	I&E	4,247	-	800	824	849	874	900	4,247
TBD	BSEED for Lead Service Line Permit Fee	N	I&E	5,000	-	1,000	1,000	1,000	1,000	1,000	5,000
N/A	Engineering Services - Internal	N	I&E	22,830	-	4,300	4,429	4,562	4,699	4,840	22,830
WS-738	Water main Dexter-Linwood, Davison, and Buffalo-Charles	A	Grant	17,510	-	10,000	7,510	-	-	-	17,510
WS-738	Water main Dexter-Linwood, Davison, and Buffalo-Charles	A	Bond	2,490	-	-	2,490	-	-	-	2,490
WS-739	Lead Service Line Replacement (WIIN)	A	Grant	5,000	4,500	500	-	-	-	-	500
WS-740	Replacement of Distribution Mains on Jefferson Ave, Michigan Ave & LHF mains	N	Bond	25,000	-	10,000	10,000	5,000	-	-	25,000
WS-919	Major Repair of Pavement	A	I&E	32,671	24,486	8,185	-	-	-	-	8,185
WS -TBD	To Repplace WS - 919	N	I&E	37,000	-	3,000	11,000	11,000	6,000	6,000	37,000

Sewerage  
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Amounts in \$000											
Amended Water CIP Projects											
Contract #	Description	Status	Funding Source	Total Project Cost	Approved Through June 30, 2024	2024-25	2025-26	2026-27	2027-28	2028-29	2025-2029
CS-1812	Professional Engineering/Construction Services for CIPMO	A	Bond	32,678	32,678	-	-	-	-	-	-
CS-TBD	To Replace CS - 1812	P	Bond	6,250	-	1,250	1,250	1,250	1,250	1,250	6,250
CS-1921	Main Design - Somat, OHM, The Mannik & Smith Group	A	Bond	3,000	3,000	-	-	-	-	-	-
CS- TBD	To Replace CS - 1921	N	Bond	5,000	-	1,000	1,000	1,000	1,000	1,000	5,000
CS-1923	Third Party Inspection	A	I&E	2,250	2,250	-	-	-	-	-	-
CS-TBD	To Replace CS - 1923	N	I&E	3,750	-	750	750	750	750	750	3,750
CS-1925	Itron Migration -MIU Replacement	A	I&E	9,120	9,120	-	-	-	-	-	-
CS-1926	Itron Migration Project Management	A	I&E	1,157	1,157	-	-	-	-	-	-
CS-1947	Water Condition Assessment	A	I&E	400	400	-	-	-	-	-	-
CS-TBD	To replace CS - 1947	N	I&E	1,500	-	500	-	500	-	500	1,500
WS - 741	Water Main Replacement - District 1	N	SRF	20,000	-	5,000	10,000	5,000	-	-	20,000
WS - 742	Water Main Replacement - Districts 2 & 3	N	SRF	20,000	-	5,000	10,000	5,000	-	-	20,000
WS-ITA 3	Lead Service Lines Replacement -Various Location	N	SRF	20,000	-	-	-	10,000	10,000	-	20,000
WS-New 1	Two 12" Mains along Jefferson west of WWTP	N	Bond	25,000	-	8,500	10,000	6,500	-	-	25,000
WS-New 2	The Palmer Park, Denby and Mapleridge areas	N	Bond	25,000	-	-	10,000	10,000	5,000	-	25,000
WS-TBD	Water Project Allowance	N	I&E	4,300	2,300	1,000	1,000	-	-	-	2,000
WS - TBD	Water Project Allowance	N	Bond	20,000	-	-	-	-	10,000	10,000	20,000
WS - TBD	Water Project Allowance	N	SRF	20,000	-	-	-	-	5,000	15,000	20,000
PC-803B	Meter Installation - Contractual	A	I&E	942	942	-	-	-	-	-	-
PC-TBD	To Replace PC - 803B	A	I&E	1,500	-	300	300	300	300	300	1,500
TBD	Purchase of MIUs	P	I&E	1,500	-	500	500	250	250	-	1,500
TBD	Meter Replacement Program - Aging Meters	N	I&E	2,100	750	300	300	250	250	250	1,350
PC-808	Far West Warren (non GSI)	A	I&E	6,340	6,340	-	-	-	-	-	-
TBD	Fire Hydrant Replacement Program	A	I&E	15,250	2,750	2,500	2,500	2,500	2,500	2,500	12,500
Various	Vehicle and Heavy Equipment Purchases	A	I&E	8,192	1,987	3,205	750	750	750	750	6,205
Various	Information Technology Projects	A	I&E	10,437	3,031	1,672	1,320	872	2,270	1,272	7,406
Various	Facilities Improvements Projects	A	I&E	13,285	2,875	4,810	2,500	2,450	325	325	10,410
			<b>TOTAL</b>			<b>\$ 156,848</b>	<b>\$ 137,423</b>	<b>\$ 88,783</b>	<b>\$ 63,218</b>	<b>\$ 57,637</b>	<b>\$ 503,909</b>

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Contract #	Description	Status	Funding Source	Total Project Cost	Approved Through June 30, 2024	2024-25	2025-26	2026-27	2027-28	2028-29	2025-2029
DWS-917	Sewer Improvement in Riverdale	A	SRF	\$ 7,708	\$ 7,708	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
DWS-918	Sewer Improvements in Rosedale	A	SRF	4,455	4,455	-	-	-	-	-	-
DWS-919	Major Repair of Pavement	A	I&E	5,765	5,765	-	-	-	-	-	-
DWS-TBD	To Replace DWS - 919	N	I&E	10,000	-	2,000	2,000	2,000	2,000	2,000	10,000
DWS-920	Inspection and Rehabilitation of Sewers City Wide	A	Bond	16,319	16,319	-	-	-	-	-	-
DWS-920	Inspection and Rehabilitation of Sewers City Wide	A	I&E	3,605	2,800	805	-	-	-	-	805
DWS-968	To Replace DWS - 920	N	Bond	20,000	-	4,000	7,000	7,000	2,000	-	20,000
DWS-968	To Replace DWS - 920	N	I&E	5,000	-	1,000	1,750	1,750	500	-	5,000
N/A	Engineering Services Force - Internal	N	I&E	20,707	-	3,900	4,017	4,138	4,262	4,390	20,707
DWS-931	Roofing Upgrades at Sewage Pump Stations	N	I&E	950	700	250	-	-	-	-	250
DWS-932	Large Sewer Improvements: Riverdale & Rosedale	A	SRF	3,927	3,927	-	-	-	-	-	-
DWS-937	Sewer Improvement -Jefferson Chalmers Sewer Upgrade	N	Grant	11,200	-	6,000	5,200	-	-	-	11,200
DWS-937	Sewer Improvement -Jefferson Chalmers Sewer Upgrade	N	Bond	2,800	-	1,000	1,800	-	-	-	2,800
DWS-938	Sewer Condition Assessments City-Wide	A	I&E	5,994	5,994	-	-	-	-	-	-
DWS ITA-1	Sewer Improvement - District 1	N	SRF	20,000	-	-	10,000	10,000	-	-	20,000
DWS ITA-2	Sewer Improvements - District 2,4,5,6,&7	N	SRF	20,000	-	-	10,000	10,000	-	-	20,000
DWS-964	Sewer Condition Assessments High Priority Areas	A	I&E	5,580	5,580	-	-	-	-	-	-
DWS-965	Major Sinkhole Repairs	A	I&E	4,284	4,284	-	-	-	-	-	-
DWS-966	Sewer Condition Assessments - West Village	N	I&E	6,000	-	3,000	3,000	-	-	-	6,000
DWS-TBD	Emergency Sewer Repair	A	I&E	12,500	-	2,500	2,500	2,500	2,500	2,500	12,500
DWS-TBD	Emergency Sewer Repair	A	I&E	(2,500)	-	(2,500)	-	-	-	-	(2,500)
DWS-TBD	Catch Basin Major Repair/Replacement	A	I&E	17,500	-	3,500	3,500	3,500	3,500	3,500	17,500
DWS-TBD	Sewer Improvements in Wade, Ravendale, Eden Gardens	N	Bond	12,500	-	-	2,500	5,000	5,000	-	12,500
DWS-NEW 1	Regent Park Sewer Upsizing Part 1		Bond	20,000	-	2,000	5,000	8,000	5,000	-	20,000
DWS-NEW 2	Regent Park Sewer Upsizing Part 2		Bond	20,000	-	2,000	5,000	8,000	5,000	-	20,000
DWS-NEW 3	Rehab of Sewers Crossing GLWA 42" Water Transmission		Bond	10,000	-	2,000	3,000	5,000	-	-	10,000
DWS-TBD	Centerline Flow Swap, Sewer Reconfiguration for Capacity Transfer at outfalls B032 & B033	N	Grant	6,000	-	4,000	2,000	-	-	-	6,000
N/A	Private Sewer Line Upgrade	N	Grant	3,342	-	656	671	671	672	672	3,342
DWS-TBD	Sewer Project Allowance	N	I&E	70,000	5,000	2,500	2,500	20,000	20,000	20,000	65,000
DWS - TBD	Sewer Project Allowance	N	SRF	20,000	-	-	-	-	10,000	10,000	20,000
CS-1812	Professional Engineering/Construction Services for CIPMO	A	Bond	32,678	32,678	-	-	-	-	-	-
CS-TBD	To Replace CS - 1812	N	Bond	6,250	-	1,250	1,250	1,250	1,250	1,250	6,250
CS-1884	Green Infrastructure Program Management	A	I&E	12,000	12,000	-	-	-	-	-	-
CS-1884	Green Infrastructure Program Management	A	I&E	1,243	-	1,243	-	-	-	-	1,243
CS-1884	Green Infrastructure Program Management	A	I&E	(500)	-	(500)	-	-	-	-	(500)
CS-TBD	To Replace CS - 1884	N	I&E	12,500	-	2,500	2,500	2,500	2,500	2,500	12,500
CS-1921	Sewer Design - Somat, OHM, The Mannik & Smith Group	A	Bond	3,000	3,000	-	-	-	-	-	-
CS-TBD	Watermain/Sewer Design	N	Bond	5,000	-	1,000	1,000	1,000	1,000	1,000	5,000
CS-1923A	Third Party Inspection (Water & Sewer)	A	I&E	2,250	2,250	-	-	-	-	-	-
CS- TBD	Third Party Inspection (Water & Sewer)	N	I&E	3,750	-	750	750	750	750	750	3,750
CS-TBD	Sewer Meters Installation and Sewer Targeted Assessment	N	I&E	1,800	-	600	600	600	-	-	1,800
CS-1925	Itron Migration -MIU Replacement	A	I&E	9,095	9,095	-	-	-	-	-	-
CS-1926	Itron Migration Project Management	A	I&E	792	792	-	-	-	-	-	-
CS-TBD	Belle Isle CSO Condition Assessment (GLWA) - CSO Improvement Program -Cost Sharing with GLWA	A	I&E	3,500	1,500	500	500	500	500	-	2,000



Amended Sewer CIP Projects											
Contract #	Description	Status	Funding Source	Total Project Cost	Approved Through June 30, 2024	2024-25	2025-26	2026-27	2027-28	2028-29	2025-2029
PC-803B	Meter Installation - Contractual	A	I&E	942	942	-	-	-	-	-	-
PC-TBD	Meter Installation -Contractual	A	I&E	1,500	-	300	300	300	300	300	-
TBD	Purchase of MIUs	N	I&E	1,500	-	500	500	250	250	-	1,500
TBD	Meter Replacement Program - Ageing Meters	A	I&E	2,100	750	300	300	250	250	250	1,350
PC-806	Charles H. Wright Academy GSI	A	I&E	1,918	1,918	-	-	-	-	-	-
PC-808 (GSI)	Far West Stormwater Improvements	A	Grant	31,558	22,726	7,831	1,001	-	-	-	8,832
PC-808 (GSI)	Far West Stormwater Improvements	A	I&E	1,406	-	-	1,406	-	-	-	1,406
PC-808 (Non-GSI)	Far West Stormwater Improvements	A	I&E	2,688	2,597	91	-	-	-	-	91
PC-812	Brightmoor GSI Construction (EPA)	N	Grant	600	600	-	-	-	-	-	-
PC-812	Brightmoor GSI Construction (EPA)	N	I&E	500	450	50	-	-	-	-	50
PC-812	Brightmoor GSI Construction (EPA)	N	I&E	(500)	(450)	(50)	-	-	-	-	(50)
PC-813	Bentler-Westbrook Construction (NFWF)	N	Grant	300	300	-	-	-	-	-	-
PC-813	Bentler-Westbrook Construction (NFWF)	N	I&E	290	225	65	-	-	-	-	65
PC-813	Bentler-Westbrook Construction (NFWF)	N	I&E	(290)	(225)	(65)	-	-	-	-	(65)
TBD	St. Paul Tabernacle - Capital Partnership Program	A	I&E	479	154	325	-	-	-	-	325
PC-814	Minock Park Greening Construction (USFS)	N	Grant	300	300	-	-	-	-	-	-
PC-814	Minock Park Greening Construction (USFS)	N	I&E	350	-	350	-	-	-	-	350
PC-814	Minock Park Greening Construction (USFS)	N	I&E	(350)	-	(350)	-	-	-	-	(350)
PC-814	Minock Park Greening Construction (USFS)	N	I&E	1,429	761	668	-	-	-	-	668
PC-814	Minock Park Greening Construction (USFS)	N	DTE	974	-	974	-	-	-	-	974
PC-814	Minock Park Greening Construction (USFS)	N	I&E	(1,243)	-	(1,243)	-	-	-	-	(1,243)
PC-815	Oakman Boulevard Stormwater Optimization	N	I&E	1,600	900	700	-	-	-	-	700
PC-816	Artesian Project Enhancements	A	I&E	400	400	-	-	-	-	-	-
PC-817	Minock Park GSI (EGLE)	N	Grant	429	429	-	-	-	-	-	-
PC-817	Minock Park GSI (EGLE)	N	I&E	289	86	203	-	-	-	-	203
PC-817	Minock Park GSI (EGLE)	N	I&E	(289)	(86)	(203)	-	-	-	-	(203)
PC-TBD	Brightmoor/Minock Park Stormwater Improvement Project	N	Grant	38,300	-	7,000	11,000	12,000	7,000	1,300	38,300
PC-TBD	Brightmoor/Minock Park Stormwater Improvement Project	N	I&E	2,500	-	2,500	-	-	-	-	2,500
PC-TBD	West Chicago South (ARP Grant)	N	Grant	19,100	-	12,415	6,685	-	-	-	19,100
PC-TBD	West Chicago South		I&E	1,900	-	-	1,900	-	-	-	1,900
PC-TBD	Schoolcraft North SRF (ITA Submitted)	N	SRF	20,200	-	-	13,130	6,060	1,010	-	20,200
PC-TBD	Schoolcraft South SRF (ITA Submitted)	N	SRF	22,000	-	-	14,300	6,600	1,100	-	22,000
PC-TBD	West Chicago North SRF (ITA Submitted)	N	SRF	17,000	-	-	11,050	5,100	850	-	17,000
Various	Vehicle and Equipment Purchases	N	I&E	8,192	1,987	3,205	750	750	750	750	6,205
Various	Vehicle and Equipment Purchases	N	I&E	500	-	500	-	-	-	-	500
Various	Information Technology Projects	N	I&E	10,437	3,031	1,672	1,320	872	2,270	1,272	7,406
Various	Facility Improvement Projects	N	I&E	13,285	2,875	4,810	2,500	2,450	325	325	10,410
			<b>TOTAL</b>			<b>\$ 88,502</b>	<b>\$ 144,180</b>	<b>\$ 128,791</b>	<b>\$ 80,539</b>	<b>\$ 52,759</b>	<b>\$ 494,771</b>



Water & Sewerage Department



Vehicle and Heavy Equipment									
Descriptions	Type	QTY	Estimated Unit Cost	2024-25	2025-26	2026-27	2027-28	2028-29	2025-29 CIP Total
<b>Engineering</b>									
Ford Maverick Hybrid	Pickup	15	\$ 50,000	750,000	-	-	-	-	750,000
<b>Meter Operations</b>									
F-350 4x4 S/C	1 1/4 Ton Utility w/Custom Body	7	150,000	1,050,000	-	-	-	-	1,050,000
F350 4x4 SD	Pickup	2	45,000	90,000	-	-	-	-	90,000
<b>Maintenance &amp; Repair</b>									
F350 4x4 SD	Pickup	3	45,000	135,000	-	-	-	-	135,000
F-550 Super Duty	Utility Truck	5	140,000	700,000	-	-	-	-	700,000
Transit EV		10	60,000	600,000	-	-	-	-	600,000
F150 Lighting	Pickup	1	80,000	80,000	-	-	-	-	80,000
Mini Exe Plus Trailer	Heavy Equipment	2	150,000	300,000	-	-	-	-	300,000
<b>Security</b>									
Ford Interceptor Utility	SUV	2	47,000	94,000	-	-	-	-	94,000
Escape Hybrid	SUV	3	50,000	150,000	-	-	-	-	150,000
EV Escape	SUV (EV)	3	45,000	135,000	-	-	-	-	135,000
F350 4x4 Crew Gas	1 Ton Pickup 4x4 Crew Cab, Gas	3	70,000	210,000	-	-	-	-	210,000
F150 4x4 Crew	1/2 Ton Pickup 4x4 Crew Cab, Gas	2	60,000	120,000	-	-	-	-	120,000
Ford Maverick Hybrid	Pickup	4	50,000	200,000	-	-	-	-	200,000
Carry All cart	Utility Cart	3	15,000	45,000	-	-	-	-	45,000
Hydro X	Hydro excavator	1	450,000	450,000	-	-	-	-	450,000
E450 CC	Hyback utility	3	120,000	360,000	-	-	-	-	360,000
Transit Pass XL AWD	3/4 Ton Passenger Van, AWD	1	82,500	82,500	-	-	-	-	82,500
F550 4x4 S/C CC	1 1/2 Ton Utility w/ Custom Body	4	160,000	640,000	-	-	-	-	640,000
Mobile Column Lift	Vehicle Lift	2	110,000	220,000	-	-	-	-	220,000
			-	-	1,500,000	1,500,000	1,500,000	1,500,000	6,000,000
<b>Total</b>		<b>76</b>		<b>\$6,411,500</b>	<b>\$1,500,000</b>	<b>\$ 1,500,000</b>	<b>\$ 1,500,000</b>	<b>\$ 1,500,000</b>	<b>\$ 12,411,500</b>

No changes to the Vehicle and Heavy Equipment, IT and Facilities Budgets vs the original approved Budgets.

**Information Technology Projects**

Descriptions	Approved Budget as of June 30, 2024	2024-2025	2025-2026	2026-27	2027-28	2028-29	2025-2029 CIP Total
<b>Security</b>							
Access Control and Video Surveillance Systems	200,000	400,000	300,000	50,000	50,000	50,000	850,000
<b>Customer Service</b>							
City Insights Portal Updates	150,000	60,000	60,000	300,000	300,000		720,000
EnQuesta Upgrade/ CRM	-				2,000,000	1,000,000	3,000,000
EnQuesta Rate Change / AWC Adjustments / etc.	60,000	40,000	40,000	40,000	40,000	-	160,000
DivDat/City Insights/Utilitec	30,000	30,000	30,000	30,000	200,000	-	290,000
Lead Service Line Phone Updates	150,000	-	-	-	-	-	-
Lifeline Rate Outreach Updates	150,000	-	-	-	-	-	-
<b>Facilities</b>							
Meeting Room Upgrades/ Hardware/Consult	100,000	25,000	25,000	50,000	150,000	25,000	275,000
<b>Operations</b>							
Records Management	300,000	195,000	-	-	-	-	195,000
Itron Replacement (staffing support) CS-1943 iVantage & Add Second Contract for Laptop Support	350,000	300,000	150,000	-	-	-	450,000
Claims Reporting & Case Management	225,000	100,000	-	-	-	-	100,000
Permitting System	525,000	100,000	-	-			100,000
Matters Management System	-	175,000	125,000				300,000
MARS - TEST BENCH REPLACE/ENHANCEMENT	250,000	250,000	375,000				625,000
<b>Information Technology</b>							
Desktops	20,000	20,000	45,000	45,000	45,000	45,000	200,000
Laptop Charging Stations	-	-	-	-	-	-	-
Laptops with charging stations	150,000	100,000	125,000	100,000	100,000	100,000	525,000
Rugged Tablets/Laptops	30,000	30,000	30,000	30,000	350,000	150,000	590,000
Tablets	-	50,000	25,000	25,000	50,000	25,000	175,000
Vehicle Mounts	70,000	50,000	70,000	100,000	30,000	20,000	270,000
Phone System Migration to Avaya	2,500	-	-	-	-	-	-
Infrastructure Hardware, data center, IDF, BMIS	20,000	20,000	50,000	50,000	50,000	50,000	220,000
Intelligent Charging Stations - field devices	-	200,000	45,000	-	-	-	245,000
Printers	30,000	30,000	60,000	30,000	30,000	30,000	180,000
Low Voltage Wiring	200,000	100,000	250,000	250,000	250,000	250,000	1,100,000
800 Mhz Radios - Portable (wearable)	200,000	100,000	100,000	20,000	80,000	-	300,000
800 Mhz Radios - Mobile (mounted in vehicles)	250,000	100,000	-	-	100,000	-	200,000
800 Mhz Radios - Counsoles (mounted inside with direct connection to external antenna)	-	120,000	60,000	-	90,000	-	270,000
Cityworks/AssetWorks/Records Implementation Staffing	1,000,000	300,000	200,000	200,000	200,000	200,000	1,100,000
GPS for underground assets	300,000	200,000	200,000	200,000	200,000	300,000	1,100,000
GIS Update As-Built Drawing Upgrades	900,000	100,000	125,000	125,000	125,000	200,000	675,000
EV System Integration	-	50,000	50,000	-	-	-	100,000
Cyber Security Software/Services	400,000	100,000	100,000	100,000	100,000	100,000	500,000
<b>Total</b>	<b>\$ 6,062,500</b>	<b>\$ 3,345,000</b>	<b>\$ 2,640,000</b>	<b>\$ 1,745,000</b>	<b>\$ 4,540,000</b>	<b>\$ 2,545,000</b>	<b>\$ 14,815,000</b>



Water & Sewerage Department



Facilities Improvement Projects										
Descriptions	Type	QTY	Unit Cost	Approved Budget as of June 30, 2024	2024-25	2025-26	2026-27	2027-28	2028-29	Total
<b>Exterior Improvements</b>										
CSF Roof Replacement	Roof Replacement	1	\$6,000,000	\$ -	\$ -	\$2,000,000	\$4,000,000	\$ -	\$ -	\$ 6,000,000
CSF HVAC Replacement	HVAC Unit Replacement	6	\$ 250,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MOB Roof	Roof Replacement	1	1,000,000	-	1,000,000	-	-	-	-	1,000,000
MOB Structural Repairs (Tuckpointing, Limestone and Terracotta Repair, Steel Coating Refurbishment )	Building	1	2,000,000	2,000,000	-	-	-	-	-	-
East Payment Center Roof	Exterior Building Repairs	1	1,000,000	-	500,000	500,000	-	-	-	1,000,000
East Payment Concrete Masonry	Exterior Building Repairs	1	1,000,000	-	500,000	500,000	-	-	-	1,000,000
<b>Heating Units</b>										
CSF Mechanical Systems	HVAC Unit Replacement	15	180,000	500,000	500,000	500,000	400,000	400,000	400,000	2,200,000
<b>Garage Door Replacement</b>										
West Yard Gate	Interior Door Replacement	1	70,000	-	70,000	-	-	-	-	70,000
<b>Build Out: Interior Improvements</b>										
CSF Yard Buildout (Meter Shop, Heavy Repair, North Yard, East Yard, Central Yard, Warehouse, Auto Garage)	Interior Space Improvement/Ready Rooms/Offices	5	550,000	250,000	1,000,000	500,000	500,000	250,000	250,000	2,500,000
CSF Concrete Repairs (Basement and Yards)	East Yard	1	2,500,000	500,000	1,000,000	1,000,000	-	-	-	2,000,000
CSF Truck Wash	Panel and Hardware Replacement	1	50,000	-	50,000	-	-	-	-	50,000
<b>Parking Lot Improvements</b>										
CSF Parking Lot Replacement (Repavement/Fence/ Gate Operator/EV)	Employee Parking Lot Remodel	1	6,000,000	1,000,000	5,000,000	-	-	-	-	5,000,000
<b>Totals</b>					<b>\$9,620,000</b>	<b>\$5,000,000</b>	<b>\$4,900,000</b>	<b>\$ 650,000</b>	<b>\$ 650,000</b>	<b>\$20,820,000</b>

# THANK YOU!

## **Detroit Water & Sewerage Department**

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