



CAPITAL IMPROVEMENT

3RD QUARTER FY2022 REVIEW

ENDING MARCH 31, 2022
MONICA DANIELS, FINANCE ASSET MANAGER

BOWC-CIPO Committee Meeting June 1, 2022

CIP Budget to Actual last 2 years Recap



in 000's

Fiscal year begins July 1st ends June 30th

Category	2020 CIP Planned	2020 Total Spend	Unspent (Planned vs. Actual) <i>Under/(Over)</i>	2021 CIP Planned	2021 Total Spend	Unspent (Planned vs. Actual) <i>Under/(Over)</i>
Water Main Replacements	\$38,365	24,901	13,464	\$42,985	\$31,781	11,204
Sewer Lining/ Rehabilitation	33,728	21,141	12,587	28,595	18,817	9,778
Green Infrastructure	10,195	5,035	5,160	12,480	4,257	8,223
Central Services (Fleet, Facilities & IT)	24,699	4,418	20,281	23,912	11,588	12,324
General - CIPMO	13,391	12,860	531	8,280	8,381	(101)
Meters/Fire Hydrants	12,000	1,693	10,307	8,767	1,121	7,646
Major Repairs/Restoration	<u>15,189</u>	<u>18,501</u>	<u>(3,312)</u>	<u>20,973</u>	<u>17,502</u>	<u>3,471</u>
Total	\$147,567 W-\$83.3M* S-\$64.3M*	\$88,548 W-\$47.9M S-\$40.6M	\$59,019 W-\$35.3M S-\$23.7M	\$145,992 W-\$86M* S-\$59.9M*	\$93,447 W-\$59.1M S-\$34.3M	\$52,545 W-\$26.9M S-\$25.6M

CIP Fiscal Year 2022 Summary –Quarter 2

Period Ending March 31, 2022
(unaudited)

Fiscal year begins July 1st

in 000's

		2022 CIP Planned	1 st QTR	2 nd QTR	3 rd QTR	2022 Total Spend (unaudited)	% Spend	Unspent (Planned vs. Actual)
Water Main Replacements	33%	\$49,880	\$3,033	\$10,228	\$6,017	\$19,279	39%	\$30,601
Sewer Lining/ Rehabilitation	31%	46,918	(3,300)	3,151	2,012	1,863	4%	45,055
Green Infrastructure	10%	15,848	(3)	1,515	468	1,979	12%	13,868
Central Services	8%	12,814	(319)	2,043	1,896	3,620	28%	9,194
Fleet/Heavy Equip	1%	1,364	(1)	60	382	441	32%	923
Information Tech	3%	3,929	(6)	693	778	1,465	43%	2,464
Facility Improvements	5%	7,521	(311)	1,290	736	1,715	23%	5,806
CIPMO – AECOM	4%	5,590	(329)	1,998	885	2,554	46%	3,035
Meters/Fire Hydrants	1%	3,526	113	227	791	1,131	32%	2,395
Major Repair and Restoration	12%	<u>\$18,333</u>	<u>2,491</u>	<u>\$7,809</u>	<u>1,376</u>	<u>\$11,676</u>	<u>64%</u>	<u>\$6,657</u>
Total		\$152,909 W-\$76.6M* S-\$73.2M*	\$1,687 W-\$2.5M S-(\$806K)	\$26,971 W-\$17.9M S-10.7M	\$13,445 W-\$8.2M S-\$5.2M	\$42,102 W-\$28.6M S-\$13.5M	27.5% W-36%* S-18%*	\$110,806 W-\$50.9M S-\$59.9M

^a1st quarter spend includes the reversal of FY21 year end accruals for which the actual invoices had not been processed or paid until 2nd quarter.

*percent of total planned

Water Project List - Budget Vs Actual

Total estimated cost (1000's)

Water Project List 2022-2026 CIP

Description	Status	Source of Funds	2021-22	Actual	Variance
WS-703 Water Main Replacement (33,820 LF)	C	I&E	-	-	-
WS-704 Water Main Replacement -along Outerdrive	C	Bond	-	-	-
WS-705 Water Main Replacement-2-sections	C	Bond	-	-	-
WS-706 Water Main Replacement Wayne Co. Roads	C	Bond	-	-	-
WS-707 Water Main Replacement- (20,000LF)	C	Loan (DWRF)	-	-	-
WS-710 Water Main Replacement-Incl Wayne Co Roads	A	Loan (DWRF)	200,000	232,054	(32,054)
WS-711 Water Main Replacement- Incl Jefferson Streets	A	Loan (DWRF)	4,200,000	5,373,197	(1,173,197)
WS-712 Water Main Replacement-Cornerstone Village	A	I&E/Bond	7,630,000	4,037,598	3,592,402
WS-713 Water Main Replacement-Jefferson/Chalmers	A	DWRF	7,500,000	1,520,773	5,979,227
WS-714 Water Main Replacement-MDOT Streetscape	C	DWRF	-	-	-
WS-715 Pilot Areas-Riverdale, Minock, Miller & Rosedal	A	DWRF/I&E	6,900,000	3,192,884	3,707,116
WS-718 WM New Center Commons & Virginia Park	A	DWRF/I&E	2,300,000	2,613,067	(313,067)
DWS-907 Watermain & Sewer Rehab- North Rosedale P	A	I&E/Bond	5,000,000	1,935,100	3,064,900
WS-720 Watermain Replacement-Various Streets	P	I&E/Bond	3,100,000	-	3,100,000
WS-721 Lead Service Line Replacement	P	I&E/Bond	6,000,000	-	6,000,000
WS-723 Lead Service Line Replacement for Settlements	P	Grant/Legal Settlements	800,000		800,000
WS-725 Watermain Replacement-Medical Ctr, Cultural Ctr & Midtown 30,000LF	N	DWRF/Bond	-	-	-
WS-702 Repair & Replacement of Water Mains	C	I&E	-	423,146	(423,146)
WS-708 Repair of Water Mains	C	I&E	-	1,182,473	(1,182,473)
WS-717 Repair & Replacement of Water Mains (WS-702	P	I&E	3,500,000	-	3,500,000
WS-719 Repair of Water Mains (WS-708/WS-702A) incl	P	I&E	5,000,000	-	5,000,000
DWS-902 Repair of Pavement (break repair)	C	I&E	1,920,000	3,667,720	(1,747,720)
DWS-904 Repair of Lawns (break repair)	A	I&E	1,500,000	102,011	1,397,989
DWS-919 (replace DWS-902)	P	I&E	5,100,000	-	5,100,000

Water Project List - Budget Vs Actual (Cont'd)

Total estimated cost (1000's)

Water Project List 2022-2026 CIP

Description	Status	Source of Funds	2021-22	Actual	Variance
PC-808 West Warren (Constance at Rouge Park/Tireman Sawyer PH III)	P	Bond	4,000,000	-	4,000,000
CS-1909A -Condition Assessments-High Priority Neighborhoods	A	I&E	250,000	204,499	45,501
CS-1921 Watermain/Sewer Design	P	I&E	1,000,000	-	1,000,000
CS-1923 Third Party Inspection (Water & Sewer)	A	I&E	750,000	31,561	718,439
CS-1947 Condition Assessment Sherwood Forest,	N	I&E	250,000	-	250,000
CS-1812 Professional Engineering and Construction Services for CIPMO	A	I&E/Bond	2,794,910	1,277,230	1,517,679
Construction Program Management Allowances	N	I&E	-	-	-
PC-801A Oakman Blvd-Watermain Replacement			-	8,252	(8,252)
Watermain Program Allowances	N	I&E	-	-	-
PC-803B Meter Installation	A	I&E	700,000	89,566	610,435
Water Meter Replacement Program	A	I&E	451,249	417,324	33,926
Fire Hydrant Replacement Program	A	I&E	250,000	-	250,000
CS-1925 Itron Migration -MIU Replacement	A	I&E/Bond	1,800,000		1,800,000
CS-1926 Itron Migration Project Management	A	I&E	325,000	280,637	44,363
Vehicle, Heavy Equipment, and Equipment Purchases	A	I&E	682,000	87,878	594,122
Information Technology	A	I&E	1,964,500	1,071,803	892,697
Facility Improvement Allowance	A	I&E	3,760,500	658,215	3,102,286
TOTALS			79,628,159	28,406,988	51,221,171

Sewer Project List Budget Vs. Actual



Total estimated cost (1000's)

Sewer Project List 2022-2026 CIP

Description	Status	Source of Funds	2021-22	Actual	Variance
DWS-903 Inspection and Rehabilitation of Sewers City Wide	A	I&E/ Bond	7,000,000	(613,764)	7,613,764
DWS-907 North Rosedale Park	A	Bond	3,000,000	770,738	2,229,262
DWS-908 Cornerstone Village Sewer Rehab	A	Bond	2,693,000	104,504	2,588,496
DWS-909 Sewer Condition assessments throughout City	C	I&E	-	-	-
DWS-910- Sewer Condition Assessments High Priority	C	I&E	-	-	-
DWS-916 Sewer Improvements in High Priority Neighborhoods	A	SRF	2,600,000	1,520,619	1,079,381
DWS-917 Sewer Improvement in Riverdale	N	SRF	5,000,000	16,500	4,983,500
DWS-918 Sewer Improvements in Rosedale	N	SRF	4,450,000	16,500	4,433,500
DWS-920 Inspection and Rehabilitation of Sewers City Wide (Replace DWS-903)	N	I&E	3,000,000	182,758	2,817,242
DWS-921 Electrical Monitoring Upgrades at Belle Isle, Woodmere, Fischer Sewage Pump Stations	P	I&E	200,000	-	200,000
DWS-926 Sewer Condition Assessments - West Village, Southwest Detroit, Michigan-Martin	P	I&E	-	-	-
DWS-931 Roofing Upgrades at Sewage Pump Stations	P	I&E	325,000	-	325,000
DWS-932 Large Sewer Improvements: Riverdale & Rosedale	P	I&E/Bond	4,400,000	16,500	4,383,500
DWS-933 Corktown Sewer	C	I&E	-	-	-
DWS-937 Sewer Replacement	N	SRF/I&E	8,000,000	-	8,000,000
DWS-938 Sewer Condition assessments throughout City (DWS-909)	N	SRF/I&E	2,250,000	-	2,250,000
DWS-939 Sewer Condition Assessments High Priority	N	SRF/I&E	2,250,000	-	2,250,000
Sewer Program Allowances	N	I&E	-	-	-
CS-1812 Professional Engineering and Construction Services for Capital Improvement Program Management Organization	A	I&E	2,794,910	1,277,230	1,517,679
DWS-902 Repair of Pavement (break repair)	A	I&E	75,000	364,426	(289,426)
DWS-904 Repair of Lawns (break repair)	A	I&E	338,000	17,598	320,402
DWS-919 (replace DWS-902)	N	I&E	900,000	-	900,000
Repair and Maintenance Allowance	N	I&E	-	89,530	(89,530)
CS-1921 Watermain/Sewer Design	N	I&E	1,000,000	-	1,000,000
CS-1923 Third Party Inspection (Water & Sewer)	N	I&E	750,000	31,561	718,439

Sewer Project List Budget Vs. Actual (Cont'd)

Total estimated cost (1000's)

Sewer Project List 2022-2026 CIP

Description	Status	Source of Funds	2021-22	Actual	Variance
CS-1522 Green Infrastructure Program Management	C	I&E	-	615	(615)
PC-799 Crowell Rec Center and EcoSite Modifications	C	I&E	2,500	4,369	(1,869)
PC-808 West Warren (Constance at Rouge Park/Tireman Sawyer)	N	I&E/Grant	10,040,000		10,040,000
PC-808 Sewer Rehabilitation (Non GSI)	N	I&E	1,500,000		1,500,000
PC-801A Oakman Blvd	A	I&E/ Bond	60,000	47,859	12,141
PC-800 O'Shea Park	C	I&E	10,000		10,000
PC-806 Charles H. Wright Academy	N	I&E	1,485,000	1,522,563	(37,563)
North Rosedale (Edinborough)	N	I&E	-		-
Capital Partnership Program	P	I&E	100,000	49,610	50,390
Chandler Park Drive (CIPMP)	N	I&E	150,000		150,000
Green Stormwater Infrastructure Construction Allowance	N	I&E	-		-
CS-1884 Green Infrastructure Program Management	P	I&E	2,500,000	408,236	2,091,764
Vehicle, Heavy Equipment, and Equipment Purchases	N	I&E	682,000		682,000
Information Technology	N	I&E	1,964,500	934,491	1,030,009
Facility Improvement Allowance	N	I&E	3,760,500	750,444	3,010,056
Flood Event				5,810,218	(5,810,218)
Coronavirus				112,734	
TOTALS			73,280,410	13,435,838	59,957,306

Central Services –3rd Qtr. FY 2022 Summary



Fleet, Heavy Equipment and Equipment Total Spend \$440,748.85

Fleet & Heavy Equipment	\$440,748.85
F-550 Hydrant Truck	\$431,261.85
Club Car Carry-All	\$27,487

Central Services –3rd Qtr. FY 2022 Summary (Cont'd)



Information Technology Total Spend \$1,465,094.97

Software Upgrades	\$886,999	Implementation Support	\$611,159
CS-1917 EnQuesta Upgrade	\$557,328	CS-1924 GPS of Linear Assets	175,756
CS-1719 Customer Payment Portal	\$315,392	CS-1942 DCG-CityWorks, Integrations with EnQuesta, MISS Dig, ERP, Etc	183,925
CS-1933 Security Video Surveillance	\$14,277	CS-1943 Itron & Integration Support	117,120
		CS-1952 Supply Chain Module Implementation	124,678
Hardware Purchases	(\$33,063)	PS-1847 iVantage - EnQuesta Upgrade Support	41,875
Phone System Replacement-Migration to Aura	\$19,129	Accrual Reversal (6/30/2021)	(32,195)
Laptops Accrual reversal for 6/30/2021	(52,192)		

Central Services –3rd Qtr. FY 2022 Summary (Cont'd)



Facility Improvements Total Spend \$1,714,514.92

Summary of projects	
Condition Assessments/Construction Detroit Building Authority (Consolidations, programming, and construction)	\$1,090,902.43
HVAC Units-Replacements	\$277,606.74
DWS-927 MOB Bathroom Modernization (Covid updates) Cost share with GLWA	\$186,608.51
LED Lighting Improvement	\$168,266
Damper-Electrical Room –Multi-Stall Chiller	\$36,860.10
Accruals at 6/30/2021 reversed	(47,728.86)

Central Services –3rd Qtr. FY 2022 Summary (Cont'd)



Water Meter Allowance Total Spend \$1,714,514.92

Summary of projects	
Condition Assessments/Construction Detroit Building Authority (Consolidations, programming, and construction)	\$1,090,902.43
HVAC Units-Replacements	\$277,606.74
DWS-927 MOB Bathroom Modernization (Covid updates) Cost share with GLWA	\$186,608.51
LED Lighting Improvement	\$168,266
Damper-Electrical Room –Multi-Stall Chiller	\$36,860.10
Accruals at 6/30/2021 reversed	(47,728.86)

Thank You



facebook.com/DWSDDetroit



[@DetroitWaterDep](https://twitter.com/DetroitWaterDep)



[@detroitwatersewerage](https://instagram.com/detroitwatersewerage)