



The City of
WORCESTER

Fiscal Year 2021

Capital Budget

Edward M. Augustus, Jr., City Manager

Fiscal 2021 CAPITAL IMPROVEMENT PLAN

Budget Message

This comprehensive, five-year Capital Improvement Plan for Fiscal Years 2021-2025 takes into account the collective priorities of our community, City Council, and my administration following the vision of the City Strategic Plan. As we continue to implement a long-term strategy we also consider the need for flexibility during an ongoing public health and economic crisis.

Many of the capital projects proposed in this Capital Improvement Plan will have a positive impact during Fiscal 2021, whereas some are multi-year programs that will yield results in the coming years. In the table below, projects with prior year loan authorization depict ongoing facility and infrastructure programs for which City Council has previously approved loan orders. Projects with new borrowing in Fiscal 2021 represent new projects and/or ongoing projects that require increased loan authority. The FY21 borrowing figures represent the actual capital spending anticipated to be financed in Fiscal 2021.

Funding Source	Remaining Prior Year Authorization	FY21 New Authorization	FY21 Borrowing	Other Funding (Grants, etc.)
Tax Levy	\$ 18,464,290.00	\$ 42,594,543.00	\$ 39,965,034.00	\$ 4,150,000.00
Off Street Parking	\$ 3,432,780.00	\$ 3,755,000.00	\$ 7,187,780.00	\$ -
Water Enterprise	\$ 4,215,000.00	\$ 15,645,000.00	\$ 19,610,000.00	\$ -
Sewer Enterprise	\$ 3,670,000.00	\$ 12,270,000.00	\$ 15,940,000.00	\$ -
ESCo	\$ 15,000,000.00	\$ -	\$ 15,000,000.00	\$ -
Pilot	\$ 775,000.00	\$ 2,000,000.00	\$ 6,775,000.00	\$ 4,000,000.00
Ball Park	\$ 63,803,000.00	\$ -	\$ 63,803,000.00	\$ -
Solar	\$ 61,900.00	\$ -	\$ 61,900.00	\$ -
Grand Total	\$ 109,421,970.00	\$ 76,264,543.00	\$ 168,342,714.00	\$ 8,150,000.00

In total, I am recommending \$76.2M in new loan authorization for Fiscal 2021 to be approved by City Council. This will allow a total tax levy capital borrowing for Fiscal 2021 of \$39.9M, enterprise borrowing of \$42.7M, and \$8.1M in grant funding to be invested in the critical projects described in this budget document. This includes investments in mission critical equipment like a replacement for Engine 5 for the Worcester Fire Department, the continued replacement of Police vehicles, the ongoing improvement of our streets and sidewalks, and investments in our water and sewer infrastructure among others.

Fiscal 2021 CAPITAL IMPROVEMENT PLAN

Allocation by Category and Funding Source

Category	FY21 Tax Levy Borrowing	FY21 Self Supporting Debt	Other Funding (Grants, etc.)	FY21 Total Project Investment
Equipment	\$ 3,951,543.00	\$ 2,040,000.00	\$ -	\$ 5,991,543.00
Facility Improvement	\$ 5,473,500.00	\$ 2,775,000.00	\$ 4,000,000.00	\$ 12,248,500.00
Infrastructure	\$ 18,434,991.00	\$ 128,377,680.00	\$ -	\$ 146,812,671.00
Parks Facility Improvements	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00
Parks Infrastructure	\$ 7,605,000.00	\$ -	\$ 4,150,000.00	\$ 11,755,000.00
WPS Equipment	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00
WPS Facility Improvement	\$ 3,500,000.00	\$ -	\$ -	\$ 3,500,000.00
Grand Total	\$ 39,965,034.00	\$ 133,192,680.00	\$ 8,150,000.00	\$ 181,307,714.00

Equipment

For Fiscal 2021, I am recommending a total investment of \$5.9M in new equipment. One of the most notable investments in this category is \$1.2M to purchase new Public Safety vehicles such as marked police cruisers and a Fire engine. These vehicles will support the Police and Fire day to day operations and response and help assure that our first responders have the equipment they need to respond quickly and effectively.

Other major equipment purchases include:

- \$500K for Parks vehicles and maintenance machines,
- \$225K for Tech Services secure back-up system,
- \$1.7M in DPW, Water and Sewer, and 2 vehicles for Inspectional Services.

Facility Improvement

I am recommending an investment of \$12.2M in facility improvements, \$5.4M of which is tax levy supported. A major contributor in this category is the construction of the Worcester Public Library to be partially funded by PILOT funds and Library Foundation. This will complete the library renovation currently underway and will breathe new life into the library and the Worcester Common as the new entrance will now open toward City Hall. In addition, another \$7.1M is recommended for investment in our other Off Street Parking Garages, the bulk of which is towards the completion of the Pearl Elm Garage renovation and water proofing and other critical projects at other garages to extend their useful life.

Other facility improvement projects include:

- \$100K to install access control system at Police Headquarters
- \$7K to replace the boiler at McKeon Road Fire Station,
- \$6M for the completion of construction, and management costs for the Worcester Public Library,
- \$1M in renovations to Senior Center interior and exterior,
- \$200K in upgrades at Health & Code on Meade Street,
- \$1.5M in renovations to City Hall that include fire alarm system upgrade, new roof, and power wash
- \$397K to replace ice control system, telephone system, and exterior signage,
- \$2.1M in upgrades at Union Station that include construction fit-outs to retail spaces, upgrade oil tanks, and WRA share of center platform costs.

Fiscal 2021 CAPITAL IMPROVEMENT PLAN

Infrastructure

Of the \$141.3M I am recommending in infrastructure upgrades, the largest contributor is \$63.8M for the completion of the construction of Polar Park. This will be home to the Triple-A affiliate of the Boston Red Sox. Currently, the project is in construction with expected completion of 2021.

Other infrastructure projects include:

- \$18.4M is recommended to fund various DPW infrastructure projects that include street resurfacing, streetlights, signals, sidewalks, guardrails dam improvements and a new roadway construction for the private development at the Bio Manufacturing Park, and the completion of the Main Street renovations and Carrol Plaza redesign.
- \$15M is recommended to fund various sewer infrastructure projects such as improvements to the City's sewer pump stations and replacement of sewer pipe that is beyond its useful life.
- \$19M is recommended for various water infrastructure projects including the Quinapoxet Transmission Main replacement project, water main replacement, reservoir improvements, and pump station rehabilitation.
- \$15M in ESCo funding is recommended to provide additional energy efficiency projects including upgrading interior lighting in approximately 60 school and city facilities to LED; installing solar arrays at 3 sites including North High, the Senior Center, and West Tatnuck Elementary; installing or upgrading controls at 10 facilities including the DCU; new distribution transformers at the main Library and DCU; infiltration improvements and boiler upgrades.

Park Facility Improvements

I am recommending an investment of \$500K in our Parks buildings to complete accessibility improvements at South Worcester and address needs of the Red Barn at Green Hill Park. In addition, a portion of this funding will be allocated for the implementation of a digital records system at Hope Cemetery.

Park Infrastructure

\$7.6M is recommended to fund Park infrastructure projects that include: construction of the renovated soccer field at Farber Field to replace existing soccer field with new base layer, synthetic turf, lighting, accessibility, and drainage; completion of walkway and field at Institute Park; improvements of Little League field to include sports lighting, fencing, and irrigation at Mulcahy Field, completion of Crompton Park basketball courts, the design of Indian Hill Park, Playground safety surface improvements at Providence Street, and the construction of a new community gardens at Green Hill Park.

WPS Equipment and Facility Improvement

I am recommending a total of \$4.0M for various equipment purchases and facility repairs at our Worcester Public Schools.

Fiscal 2021 CAPITAL IMPROVEMENT PLAN

Budget Process

Putting fiscal responsibility first and foremost, the Budget office developed an analytical budget process ensuring all capital requests are assessed and prioritized to formulate a sound, long-term Capital Improvement Plan. As a result of our budget process, I am recommending the following:

- Capital & Debt Policy updates to increase the minimum capital threshold to \$5,000 from \$1,000, based on GFOA Best Practices
- Implementation of a cash funded Asset Replacement Program; FY21 cash recommended purchases total \$1.7M

During the budget process, my administration analyzed fleet and equipment lists City-wide to evaluate asset utilization and useful life. This highlighted the fact that some of the Police cruisers used in operations on a 24/7 basis, depreciate much faster than the average City vehicle. As a result, I am recommending that 15 marked Police vehicles be purchased with cash in lieu of financing. Other recommended cash purchases include new computers, technology equipment, and other smaller cost equipment purchases. This reserves financing for larger, long-term assets and projects and will reduce short-term debt obligations.

Capital & Debt Policy

- The City will maintain a multi-year approach for the Capital Improvement Plan,
- A capital asset is defined as an asset that has a useful life of one year or more,
- Any capital asset to be financed shall have a minimal unit cost of \$5,000, and a useful life of five years or more
- Capital assets with a unit cost of less than \$5,000 and/or a useful life of less than 5 years are to be purchased with cash thru the Operating Budget in the Capital Outlay account
- The City will obtain financing only when necessary,
- The debt service related to all borrowing for tax levy funded projects will be capped at 8-10% of the operating budget expenditures,
- Debt financing will not be considered appropriate for recurring costs such as operating and maintenance expenditures,
- The City will utilize external bond counsel for all debt issues,
- Continual review of all outstanding debts will be undertaken to determine refunding opportunities,
- Refunding will be considered if and when there is an economic benefit of the refunding,
- The City will seek to amortize general obligation bonds with level principal and interest costs over the life of the issue,
- The City will seek to issue its general bond obligations in a competitive sale unless determined that such a sale method will not produce the best results for the City.

Fiscal 2021 CAPITAL IMPROVEMENT PLAN

Five Year Debt Service Projection

The following table illustrates the current debt service obligations of the City of Worcester before any of the borrowing included in the FY21 Capital Improvement Plan. This table shows the amount of debt retired each year as well as a breakdown of the debt obligations by funding source.

FUNDING SOURCE	FY21 Total Debt	FY22 Total Debt	FY23 Total Debt	FY24 Total Debt	FY25 Total Debt
TAX LEVY	35,179,983.26	29,319,139.24	27,431,866.97	24,864,021.13	22,920,338.45
WATER	7,121,878.14	6,699,847.65	6,374,501.77	6,051,855.82	5,572,995.76
SEWER	10,385,323.04	9,871,150.08	9,655,588.19	8,882,169.83	8,507,029.71
BUILDING CAMPAIGN	6,666,498.95	5,570,188.75	4,883,331.88	4,322,813.13	2,595,780.00
NORTH HIGH SCHOOL	1,262,240.50	1,246,444.50	1,218,517.50	1,196,280.50	1,181,314.50
OFF STREET PARKING	1,162,412.29	1,100,957.61	1,082,691.21	1,046,491.05	985,541.35
AIRPORT	5,836.25	5,601.25	5,463.75	5,223.75	5,011.75
DCU CENTER	3,585,517.22	3,605,555.83	3,176,305.31	3,039,153.29	3,012,940.97
CITY SQUARE	4,246,822.05	4,247,282.07	4,154,513.06	4,159,288.60	4,188,045.43
GOLF	419,639.45	407,441.46	404,946.37	227,357.41	225,485.91
PILOT PARKS	290,796.25	279,427.50	269,592.50	257,601.25	249,791.88
CSX PARKS	123,830.00	120,770.00	117,710.00	114,140.00	109,080.00
HUD	135,797.30	138,746.75	141,357.50	143,610.00	1,249,556.00
MAJOR TAYLOR BLVD	57,833.75	57,373.75	54,950.00	36,861.25	37,938.75
SOLAR: NET METERING CREDITS	864,229.00	864,229.00	864,229.00	864,229.00	864,229.00
UNION STATION GARAGE	341,534.50	328,929.45	315,339.90	302,764.62	288,212.28
LIBRARY BUILDING	25,103.51	25,103.08	25,103.16	25,102.68	25,102.88
BASEBALL	1,964,884.89	1,980,630.36	2,265,630.36	2,389,353.49	2,433,986.24
TOTAL	73,840,160.34	65,868,818.32	62,441,638.42	57,928,316.79	54,452,380.83

FY 2021 - 2025 Capital Improvement Program



Edward M. Augustus Jr.
City Manager

CITY OF WORCESTER, MASSACHUSETTS

Budget Office Division

FY21 CAPITAL BUDGET

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
Police	Equipment	16 Marked Vehicles (FY20 Carryover)	\$ 248,000.00	\$ 437,305.00	\$ 248,000.00	\$ 248,000.00	
Police	Equipment	10 Marked Vehicles	\$ 212,095.00	\$ 200,000.00	\$ 212,095.00		
Police	Equipment	Alternative Light Source	\$ 80,000.00		\$ 80,000.00		
Police	Facility	Access Control System	\$ 100,000.00		\$ 100,000.00		
Police Sub-Total:			\$ 640,095.00	\$ 637,305.00	\$ 640,095.00	\$ 248,000.00	\$ -

Police - (16) Marked Police Vehicles: Officer safety is our primary priority. All of the vehicles in the fleet have been evaluated and we have determined that vehicles in the fleet are rated at fair and poor condition. Some of the vehicles are especially old for fleet vehicles with high mileage and mechanical issues. We have also noted undercarriage rust and rot affecting the frame, floor boards and brake lines. We respectfully request the purchase of 16 Ford Police Interceptor Utilities to replace these marked vehicles.

Police - (10) Marked Police Vehicles: Officer safety is our primary priority. All of the vehicles in the fleet have been evaluated and we have determined that vehicles in the fleet are rated at fair and poor condition. Some of the vehicles are especially old for fleet vehicles with high mileage and mechanical issues. We have also noted undercarriage rust and rot affecting the frame, floor boards and brake lines. We respectfully request the purchase of 15 Ford Police Interceptor Utilities to replace these marked vehicles.

Police - Alternative Light Source: An alternate light source uses bright, shadow-free light output at crime scenes or in forensic laboratories to reveal evidence that cannot be detected with the naked eye. Our existing equipment is more than 13 years old and is currently out of service as we await the availability of parts to repair it. Even in working condition, the outdated technology limits our ability to examine all evidence ourselves- Often, evidence must be sent to the State crime laboratory which prolongs the response time of the results and hinders an investigation.

Police - Access Control System: Installation of access control system to improve building security and employee safety by restricting unauthorized access to elevators or through exterior doors.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
Fire	Equipment	Engine 5	\$ 645,000.00		\$ 645,000.00		
Fire	Equipment	Durable Fire Equipment		\$ 103,000.00			
Fire	Infrastructure	Safety Fund		\$ 43,000.00			
Fire	Equipment	Chevy 3500 w/sander & plow	\$ 62,628.00		\$ 62,628.00		
Fire	Facility	Partial Boiler/Fan at McKeon Rd	\$ 6,500.00		\$ 6,500.00		
Fire	Equipment	1 Chevy Trax (Fire Prevention)	\$ 24,000.00		\$ 46,717.00		
Fire	Equipment	22 Plymovent Disconnects	\$ 7,820.00		\$ 7,820.00		
Fire Sub-Total:			\$ 745,948.00	\$ 146,000.00	\$ 768,665.00	\$ -	\$ -

Fire - Engine 5: is a 2002 E-One with 171,000 miles, which is extremely high for a fire truck. The truck has been one of the busiest and is becoming difficult to keep in service. This truck will have a limited life span as a spare due to the age and deterioration. Build time is 400 days after po is issued.

Fire - Durable Fire Equipment: replace durable fire equipment such as hose, nozzles, SCBA bottles, saws and other essential equipment on a regular basis.

Fire - Safety Fund: programming and equipment to enhance the health and wellness of all firefighters.

Fire - Chevy 3500 w/sander & plow: This vehicle would replace a 1999 Ford Windstar minivan with a Chevy 3500 pick up truck with plow and sander. The department has 10 facilities to plow and has no access to sand/salt other than DPW and coordination of their resources is very difficult. In order to provide a safe environment for our employees and visitors, we are requesting this vehicle which could plow and sand the station parking lots. The 3 plow trucks currently used to plow are 1985, 1988 and 1990 and are not road worthy. Without this truck, our capability to remove snow will be strained.

Fire - Partial Boiler/Fan at McKeon Road Station: Partial Boiler Replacement & HVAC Condenser Fan Replacement.

Fire - 1 Chevy Trax (Fire Prevention): This small SUV will replace one 2003 Ford Taurus which is not anticipated to pass state inspection this year. This purchase allows the department to continue to move our inspectors into AWD vehicles at an affordable price.

Fire - Plymovent Disconnects (22): These funds will be used to replace the 22 Plymovent disconnects currently being used by all apparatus. The current handle to connect and disconnect the hose is small and easily breakable. The new handle is larger, circular and provides for easier and safer connection and disconnection of the hose from the vehicles. This is the system that prevents carbon monoxide from the exhaust from escaping into the closed station.

FY 2021 - 2025 Capital Improvement Program



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CITY OF WORCESTER, MASSACHUSETTS

Budget Office Division

FY21 CAPITAL BUDGET

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
Inspectional Services	Equipment	(2) Vehicles	\$ 60,000.00		\$ 60,000.00		
Inspectional Services	Equipment	XRF Handheld Analyzer	\$ 30,000.00		\$ 30,000.00		
Inspectional Services Sub-Total:			\$ 90,000.00	\$ -	\$ 90,000.00	\$ -	\$ -

Inspectional Services - (2) Vehicles: The department seeks to add two new vehicles to the aging fleet in order to increase the number of direct field staff in marked vehicles. One specific request is a pick up truck (Chevrolet Colorado) to replace a 2008 Ford Ranger used by Weights & Measures. There is no other pick up truck available within the fleet that is of the quality to pass down for usefulness.

Inspectional Services - XRF Handheld Analyzer: DIS has an aging (25 + year old) model of an XRF machine. Utilizing the current XRF that the department has it takes over a day to complete a single unit of housing and common areas. It is also a very old XRF gun that cannot be serviced.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
Technical Services	Equipment	Public Safety System Replacement	\$ 1,400,000.00			\$ 2,800,000.00	
Technical Services	Equipment	Data and Network Replacement		\$ 300,000.00			
Technical Services	Equipment	Secure Backup System	\$ 225,000.00		\$ 450,000.00		
Technical Services Sub-Total:			\$ 1,625,000.00	\$ 300,000.00	\$ 450,000.00	\$ 2,800,000.00	\$ -

Technical Services - Public Safety Replacement: this item was previously approved as part of the FY2020 budget to replace the current public safety system that is over 25 years old and will soon be unsupported by the vendor. The system will no longer be available for use by the end of calendar year 2020. The public safety departments are in the process of reviewing suitable replacement products.

Technical Services - Data and Network Replacement: Multiple data and network replacements need to happen including: Data Center water line removal, Network firewall replacement, Wireless LAN Controller, GHP Mesh network replacement.

Technical Services - Secure Backup System: this platform would enable the City to perform remote backups in a secure manner using state-of-the art backup technology.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
Elections	Equipment	Election Vote Tabulators	\$ 12,000.00		\$ 12,000.00		
Elections Sub - Total:			\$ 12,000.00	\$ -	\$ 12,000.00	\$ -	\$ -

Elections - Election Vote Tabulators: The existing voting machines have been operating for 5 years now and the office needs to add two additional spares. Our process is to swap machines that get more use in certain precincts and the two spares will relieve some of that pressure on election day.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
Public Schools Total:	Equipment	Various Schools Equipment	\$ 500,000.00		\$ 500,000.00		
Public Schools Total:	Equipment	Instructional Technology and Facilities		\$ 350,000.00			
Public Schools	Facility	Various Schools Rehabilitation	\$ 3,500,000.00		\$ 3,500,000.00		
Public Schools - Total:			\$ 4,000,000.00	\$ 350,000.00	\$ 4,000,000.00	\$ -	\$ -

Public Schools Various School Equipment: This funding will be used for various School Capital Equipment in FY21. This funding will be used for various School Capital Rehabilitation projects in FY21.

Public Schools - Instructional Technology: These capital funds will be used to leverage federal Erate funds for a large scale wireless project to begin replacing access points in our schools. In addition, these funds will be used to replace core network infrastructure to provide a reliable and more robust network.

Public Schools Various Schools Rehabilitation: This funding will be used to update various facilities in the public schools.



**The City of
 WORCESTER**

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 City Manager

CITY OF WORCESTER, MASSACHUSETTS

Budget Office Division

FY21 CAPITAL BUDGET

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
EAM Library	Facility	Main Library - Master Plan Implementation	\$ 6,775,000.00		\$ 2,000,000.00	\$ 775,000.00	\$ 4,000,000.00
EAM Library	Facility	Library FPL Rework Basement:	\$ 60,000.00			\$ 60,000.00	
EAM Library	Facility	Repave FPL parking lot	\$ 30,000.00		\$ 30,000.00		
EAM Library Sub-Total:			\$ 6,865,000.00	\$ -	\$ 2,030,000.00	\$ 835,000.00	\$ 4,000,000.00

EAM Library - Main Library: Master Plan Implementation Continuation of the ongoing Library renovation project.

EAM Library - FPL Rework Basement: If boiler and steam pipes are replaced and relocated more appropriately, respectively, then a rework of the basement community room and file storage areas should be undertaken to improve patron experience and improve staff management logistics.

EAM Library - Repave FPL parking lot: Parking lot is in poor shape and is beyond spot repairs. It should be replaced.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
EAM Senior Center	Facility	Senior Center - Ongoing exterior and interior renovations	\$ 522,000.00			\$ 650,000.00	
EAM Senior Center	Facility	Senior Center - Replace RTUs 1,2, 3, 5	\$ 450,000.00		\$ 450,000.00		
EAM Senior Center Sub-Total:			\$ 972,000.00	\$ -	\$ 450,000.00	\$ 650,000.00	\$ -

EAM Senior Center - Ongoing exterior and interior renovations: These funds will be used to supplement the MassWorks grant funding to complete the designed interior and exterior renovations.

EAM Senior Center - Replace RTUs 1,2,3,5: All the RTUs, except one replaced in 2017, are passed their life expectancy and are failing to properly heat and cool the space. All have had their motors replaced, so that no longer is a viable option. Replacement is the next step.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
EAM 25 Meade St	Facility	Fire Alarm, Office reconfiguration, HVAC	\$ 200,000.00			\$ 200,000.00	
EAM 25 Meade St Sub-Total:			\$ 200,000.00	\$ -	\$ -	\$ 200,000.00	\$ -

EAM-25 Meade St Design Facility Upgrade: Upgrades include Fire Alarm, Office Reconfiguration, HVAC. Delays in decisions on future use of Meade St by the City (potential commercial value with new development across the street supporting Worcester Red Sox Stadium) likely will cause a portion of the design to continue into FY21. Building has some significant issues that need to be addressed, as well, as office reconfigurations that need to occur for various departmental needs.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
EAM City Hall	Facility	City Hall Roof	\$ 500,000.00	\$ -	\$ 250,000.00	\$ 250,000.00	\$ -
EAM City Hall	Facility	Upgrade City Hall Fire Alarm system	\$ 463,000.00			\$ 475,000.00	
EAM City Hall	Facility	Law Office Upgrades	\$ 105,000.00		\$ 105,000.00		
EAM City Hall	Facility	City Hall carpet, painting, breakroom		\$ 144,000.00			
EAM City Hall	Facility	Window Blinds		\$ 95,000.00			
EAM City Hall	Facility	Refinish interior of all windows	\$ 45,000.00		\$ 122,500.00		
EAM City Hall	Facility	Powerwash exterior of building and repair masonry joints	\$ 220,000.00		\$ 220,000.00		
EAM City Hall	Facility	Install kitchenette in City Hall 4th for breakroom	\$ 45,000.00		\$ 15,000.00	\$ 30,000.00	
EAM City Hall Sub-Total:			\$ 1,378,000.00	\$ 239,000.00	\$ 712,500.00	\$ 755,000.00	\$ -

EAM City Hall - City Hall Roof: Red slate roof is in fair to poor condition. A wholesale roof repair of all problem areas, as previously determined by drone survey, should extend the life of the roof 10 years or more.

EAM City Hall - Upgrade City Hall Fire Alarm System: Fire alarm system - carryover from FY20 - design nearly complete. Installation to begin in FY20 and run into FY21 due to Covid19 crisis related delays.

EAM City Hall - Law Office Upgrades: This funding provides funds for essential updates to the office.

EAM City Hall - City Hall carpet, painting, breakroom: carpet, painting and improvements within city all.

EAM City Hall - Window Blinds: Window blinds throughout the building need replacements.

EAM City Hall - Refinish interior of all windows: Interior window sills range fro fair to poor condition. Those in poor condition should be addressed now before refinishing is no longer an option.

EAM City Hall - City Hall Exterior: powerwash exterior of building and repair masonry joints

EAM City Hall - Install kitchenette in City Hall 4th floor breakroom: City Hall's breakroom is very dated and has no sink or storage area for basic kitchenette functions. With more than 200 employees in the facility, a makeover is in order.

FY 2021 - 2025 Capital Improvement Program



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CITY OF WORCESTER, MASSACHUSETTS

Budget Office Division

FY21 CAPITAL BUDGET

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
EAM DCU	Facility	Telephone System	\$ 275,000.00		\$ 275,000.00		
EAM DCU	Facility	Exterior DCU Signs (5)	\$ 110,000.00		\$ 110,000.00		
EAM DCU	Facility	DCU - Iceplant Control System	\$ 12,000.00		\$ 12,000.00		
EAM DCU Sub-Total:			\$ 397,000.00	\$ -	\$ 397,000.00	\$ -	\$ -

EAM DCU - Telephone System: System is 20 years old and in a constant state of disrepair. A full failure of the system is imminent, so a replacement, using the existing Wi-Fi backbone, is warranted.

EAM DCU - Signs (5):the exterior signs a lit with LEDs. After 20 years, some of the lights have failed. A lighting upgrade is recommended.

EAM DCU - Iceplant Control System: The DCU iceplant controls are no longer functioning and a replacement system is needed.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
EAM Solar	Equipment	WTHS Roof Bldg. D Inverter Repair (2012)	\$ 15,900.00			\$ 15,900.00	
EAM Solar	Equipment	Sullivan Middle Roof (2013)	\$ 16,000.00			\$ 16,000.00	
EAM Solar	Equipment	North High Roof 2011 (Inverter #1 replacement)	\$ 30,000.00			\$ 30,000.00	
EAM Solar Sub-Total:			\$ 61,900.00	\$ -	\$ -	\$ 61,900.00	\$ -

EAM Solar - WTHS Roof Bldg. D Inverter Repair (2012): The Inverter has failed and needs to be replaced.

EAM Solar - Sullivan Middle Roof (2013):The inverter is failing and needs to be replaced.

EAM Solar - North High Roof 2011 (Inverter #1 replacement):The inverter is failing and needs to be replaced.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
EAM Union Station	Facility	Upgrade proposed garage retail space for new tenant	\$ 1,180,000.00			\$ 1,900,000.00	
EAM Union Station	Facility	WRA share of Center Platform costs	\$ 700,000.00		\$ 700,000.00		
EAM Union Station	Facility	Upgrade the Fat, Oils, and Grease (FOG) tank and related infrastructure for Luciano's.	\$ 125,000.00		\$ 125,000.00		
EAM Union Station	Facility	Shelving for basement storage	\$ 25,000.00		\$ 25,000.00		
EAM Union Station	Facility	WRA Share for FTA projects	\$ 300,000.00		\$ 300,000.00		
EAM Union Station Sub-Total:			\$ 2,330,000.00	\$ -	\$ 1,150,000.00	\$ 1,900,000.00	\$ -

EAM Union Station - Upgrade proposed garage retail space for new tenant. (Tenants for the retails space have been secured)

EAM Union Station - WRA share of Center Platform costs.

EAM Union Station - Upgrade the Fat, Oils, and Grease (FOG) tank and related infrastructure for Luciano's: Tank is undersized and needs to be upgraded and replaced.

EAM Union Station - Shelving for basement storage: While some shelving will be salvaged from the Senior Center, additional shelving will be needed for the proper storage of long-term paper assets.

EAM Union Station - WRA Share for FTA projects.

FY 2021 - 2025 Capital Improvement Program



Edward M. Augustus Jr.
City Manager

CITY OF WORCESTER, MASSACHUSETTS

Budget Office Division

FY21 CAPITAL BUDGET

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
DPW	Infrastructure	Bridges	\$ 1,760,000.00		\$ 510,000.00	\$ 1,250,000.00	
DPW	Infrastructure	Resurfacing	\$ 7,347,443.00		\$ 6,000,000.00	\$ 1,347,443.00	
DPW	Infrastructure	Belmont St/Hospital Dr	\$ 1,500,000.00		\$ 3,100,000.00	\$ -	
DPW	Infrastructure	Private St	\$ 300,000.00		\$ 300,000.00		
DPW	Infrastructure	Sidewalks	\$ 510,000.00		\$ 510,000.00		
DPW	Infrastructure	DT Streets Sidewalks	\$ 3,162,439.00		\$ 2,250,000.00	\$ 912,439.00	
DPW	Infrastructure	Building Rehab	\$ 50,000.00		\$ -	\$ 50,000.00	
DPW	Infrastructure	TL Dams	\$ 600,000.00		\$ -	\$ 600,000.00	
DPW	Infrastructure	Traffic Signal Upgrade	\$ 765,110.00		\$ 650,000.00	\$ 115,110.00	
DPW	Infrastructure	Grafton St	\$ 200,000.00		\$ 200,000.00		
DPW	Infrastructure	Guardrails	\$ 190,000.00		\$ 150,000.00	\$ 40,000.00	
DPW	Infrastructure	Winthrop Street	\$ 150,000.00		\$ 150,000.00		
DPW	Infrastructure	Holden Drummond Shore	\$ 550,000.00		\$ 550,000.00		
DPW	Infrastructure	Streetlights	\$ 500,000.00		\$ 500,000.00	\$ 350,999.00	
DPW	Infrastructure	Chandler	\$ 400,000.00		\$ 1,100,000.00	\$ 71,100.00	
DPW	Infrastructure	Greenwood St. Landfill	\$ 450,000.00		\$ -	\$ 450,000.00	
DPW	Equipment	DPW Tax Levy Equipment	\$ 445,000.00		\$ 445,000.00	\$ 315,000.00	
DPW Tax Levy Sub-Total:			\$ 18,879,992.00	\$ -	\$ 16,415,000.00	\$ 5,502,091.00	\$ -

DPW - Bridges: This provides funding for design and construction of needed improvements to City bridges including the Flagg Street Bridge.

DPW - Resurfacing: This provides funding for the annual street and sidewalk reconstruction programs.

DPW - Belmont St/Hospital Dr: This provides funding for anticipated development in the Belmont St./State Hospital area.

DPW - Private St: This provides funding for the completion of ongoing private street conversion programs.

DPW - Sidewalks: This provides funding for sidewalk improvements citywide.

DPW - DT Streets Sidewalks: This provides funding for ongoing streets, sidewalk, and streetscape improvements downtown.

DPW - Building Rehab: This provides funding for miscellaneous building improvements at Public Works facilities.

DPW - TL Dams: This provides funding for ongoing dam improvement projects including completion of work at Coes pond.

DPW - Traffic Signal Upgrade: This provides funding for various traffic signal improvements including pedestrian flashing signals.

DPW - Grafton Street: This provides funding for the city funded portions of the Grafton Street improvement project.

DPW - Guardrails: This provides funding for various guardrail improvements citywide.

DPW - Winthrop Street: This provides funding for the City funded portions of the Winthrop Street improvement project.

DPW - Holden Drummond Shore: This provides funding for the City funded portions of the Holden Drummond Shore improvement project.

DPW - Streetlights: This provides funding for anticipated capital repairs to the City's streetlight system.

DPW - Chandler: This provides funding for the City funded portions of the Chandler Street improvement project.

DPW - Greenwood St Landfill: This provides funding for the ongoing monitoring and improvements to the landfill.

DPW - DPW Tax Levy Equipment: This provides funding for various tax levy equipment as needed during Fiscal 2021.

FY 2021 - 2025 Capital Improvement Program



Edward M. Augustus Jr.
City Manager

CITY OF WORCESTER, MASSACHUSETTS

Budget Office Division

FY21 CAPITAL BUDGET

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
DPW Parks	Equipment	Computerized irrigation control system	\$ 30,000.00	\$ -	\$ 30,000.00	\$ -	\$ -
DPW Parks	Equipment	Backhoe Attachment for Tractor	\$ 110,000.00	\$ -	\$ 110,000.00	\$ -	\$ -
DPW Parks	Equipment	Projector	\$ 3,500.00	\$ -	\$ 3,500.00	\$ -	\$ -
DPW Parks	Equipment	1/2 Ton 4 Wheel Drive Truck w/ plow	\$ 70,000.00	\$ -	\$ 70,000.00	\$ -	\$ -
DPW Parks	Equipment	4x4 Utility Body Truck w/ Plow	\$ 75,000.00	\$ -	\$ 75,000.00	\$ -	\$ -
DPW Parks	Equipment	Drop Sanders for Sidewalk Snow blowers (3)	\$ 15,000.00	\$ -	\$ 15,000.00	\$ -	\$ -
DPW Parks	Equipment	Air Compressor - Shop	\$ 8,000.00	\$ -	\$ 8,000.00	\$ -	\$ -
DPW Parks	Equipment	38" Riding Mowers	\$ 20,000.00	\$ -	\$ 20,000.00	\$ -	\$ -
DPW Parks	Equipment	Burial Tents w/accessories	\$ 9,500.00	\$ -	\$ 9,500.00	\$ -	\$ -
DPW Parks	Equipment	Self Contained Vacuum Loader	\$ 100,000.00	\$ -	\$ 100,000.00	\$ -	\$ -
DPW Parks	Equipment	Lowering Devices	\$ 6,500.00	\$ -	\$ 6,500.00	\$ -	\$ -
DPW Parks	Equipment	Burial Platform	\$ 12,500.00	\$ -	\$ 12,500.00	\$ -	\$ -
DPW Parks	Equipment	3/4 Ton Pickup w/plow	\$ 40,000.00	\$ -	\$ 40,000.00	\$ -	\$ -
DPW Parks	Infrastructure	Funding approved but not borrowed in FY20	\$ 1,200,000.00	\$ -	\$ 200,000.00	\$ 1,000,000.00	\$ -
DPW Parks	Infrastructure	Park Grant Authorization	\$ 200,000.00	\$ -	\$ 1,100,000.00	\$ -	\$ 400,000.00
DPW Parks	Infrastructure	Coal Mine Brook (LWCF Grant Authorization)	\$ 200,000.00	\$ -	\$ 2,000,000.00	\$ -	\$ 750,000.00
DPW Parks	Infrastructure	ORLP Grant Authorization	\$ 100,000.00	\$ -	\$ 2,000,000.00	\$ -	\$ 1,000,000.00
DPW Parks	Infrastructure	Green Hill Park (move gardens to old mansion)	\$ 175,000.00	\$ -	\$ -	\$ 2,650,000.00	\$ 1,000,000.00
DPW Parks	Infrastructure	Farber Field (Rectangular Turf)	\$ 1,600,000.00	\$ -	\$ -	\$ 2,950,000.00	\$ -
DPW Parks	Infrastructure	Columbus Park (LWCF Grant)	\$ 500,000.00	\$ -	\$ -	\$ 2,000,000.00	\$ 1,000,000.00
DPW Parks	Infrastructure	Mulcahy Field (PARC Grant)	\$ 1,600,000.00	\$ -	\$ 700,000.00	\$ 900,000.00	\$ -
DPW Parks	Infrastructure	Crompton Park	\$ 200,000.00	\$ -	\$ 200,000.00	\$ -	\$ -
DPW Parks	Infrastructure	Crompton Skate Park	\$ -	\$ -	\$ 2,000,000.00	\$ 350,000.00	\$ -
DPW Parks	Infrastructure	Institute Park	\$ 1,150,000.00	\$ -	\$ 1,150,000.00	\$ -	\$ -
DPW Parks	Infrastructure	Indian Hill Park	\$ 100,000.00	\$ -	\$ 1,150,000.00	\$ 500,000.00	\$ -
DPW Parks	Infrastructure	Aquatics Renovations	\$ 100,000.00	\$ -	\$ 350,000.00	\$ -	\$ -
DPW Parks	Infrastructure	Memorial Improvements	\$ 80,000.00	\$ -	\$ 3,000,000.00	\$ 850,000.00	\$ -
DPW Parks	Infrastructure	Playground Renovations (Providence Only)	\$ 400,000.00	\$ -	\$ 400,000.00	\$ -	\$ -
DPW Parks	Facility	General Building Rehab	\$ 500,000.00	\$ -	\$ 1,000,000.00	\$ 600,000.00	\$ -
		DPW Parks Sub-Total:	\$ 8,605,000.00	\$ -	\$ 15,750,000.00	\$ 11,800,000.00	\$ 4,150,000.00

<p>FY 2021 - 2025 Capital Improvement Program</p>  <p>The City of WORCESTER</p> <p>Edward M. Augustus Jr. City Manager</p>	<p>CITY OF WORCESTER, MASSACHUSETTS</p> <p>Budget Office Division</p> <p>FY21 CAPITAL BUDGET</p>
<p>DPW Parks - Computerized Irrigation Control System – This funding will be used to add additional irrigation sites to a central control system.</p>	
<p>DPW Parks - Backhoe with attachments – This funding will be used to replace an existing late 1990’s backhoe in Parks with high hours.</p>	
<p>DPW Parks - Projector - This funding will be used to replace an existing projector used by the Division for public hearings and meetings that no longer meets current technology needs of the Division.</p>	
<p>DPW Parks - ½ Ton Pickup – This funding will replace two existing pickup with high mileage and needed repairs.</p>	
<p>DPW Parks - 4x4 Utility Body Truck w/plow – This funding will be used to replace an existing truck with high mileage and needed repairs.</p>	
<p>DPW Parks - Drop Sander for Sidewalk Snow Blowers - This funding will be used to add sanders to existing equipment to better address needs along sidewalks Parks must maintain.</p>	
<p>DPW Parks - Air Compressor - This funding will be used to replace an existing shop air compressor that is continually in need of repair and maintenance.</p>	
<p>DPW Parks - 38” Riding Mower – This funding will replace existing mowers at Hope Cemetery that have outlived their useful life.</p>	
<p>DPW Parks - Burial Tents w/accessories – This funding will be used to replace existing burial tents that have outlived their useful life.</p>	
<p>DPW Parks - Self-Contained Vacuum Loader – This funding will be used to replace an existing vacuum leaf loader at Hope Cemetery that has outlived it useful life.</p>	
<p>DPW Parks - Lowering Devices – This funding will be used to replace existing lowering devices at Hope Cemetery that have outlived their useful life.</p>	
<p>DPW Parks - Burial Platform - This funding will be used to replace existing burial equipment.</p>	
<p>DPW Parks - ¾ Ton Pickup - This funding will replace an existing pickup with high mileage and needed repairs in Forestry.</p>	
<p>DPW Parks - Funding approved but not borrowed in FY20.</p>	
<p>DPW Parks - PARC Grant Authorization: This funding will be used to complete design on the to be chosen project.</p>	
<p>DPW Parks - Coal Mine Brook (LWCF Grant Authorization) – This funding will be used to complete design if the grant is awarded.</p>	
<p>DPW Parks - Tacoma Street Playground (ORLP Grant Authorization) – This funding will be used to complete design if the grant is awarded.</p>	
<p>DPW Parks - Green Hill Park: This funding will be used to begin construction on a new Community Garden area in Green Hill.</p>	
<p>DPW Parks - Farber Field: This funding will be used to complete construction of the renovated soccer field and enhanced parking lot</p>	
<p>DPW Parks - Columbus Park (LWCF FY 20): This funding will be used for the construction of the LWCF Grant Project which includes an accessible walkway from Coes Park to North Circuit Ave.</p>	
<p>DPW Parks - Mulcahy Field (PARC FY 20): This funding will be used for the construction of the PARC Grant Project which includes a new multipurpose little league field as well as edge improvements.</p>	
<p>DPW Parks - Crompton Park: This funding will be used to complete construction at the basketball court.</p>	
<p>DPW Parks - Crompton Park Skate Park: This funding will be used to begin construction of the Crompton Park Skate Park.</p>	
<p>DPW Parks - Institute Park Firefighter Memorial, Walkway and O’Connell Field: This funding will complete the construction of this project.</p>	
<p>DPW Parks - Indian Hill Park: This funding will be used to complete final design of park improvements to this site based on the approved Master Plan.</p>	
<p>DPW Parks - Aquatic Renovations: This funding will be used to complete needed repairs to the Crompton Park Pool, Greenwood Spray Park and East Park Spray Park.</p>	
<p>DPW Parks - Memorial Improvements: This funding will be used to complete a phase I renovation to about twelve portraits that hang in City Hall based on the review of our conservator. Additional monuments City-wide</p>	
<p>DPW Parks - Playground Renovations: This funding will be used to replace the safety surfacing at Providence Street playground as well as others if costs allow.</p>	
<p>DPW Parks - General Building Rehab: This funding will be used to complete accessible improvements to the interior of the South Worcester Community Building and work to the Red Barn in Green Hill.</p>	

FY 2021 - 2025 Capital Improvement Program



Edward M. Augustus Jr.
 City Manager

CITY OF WORCESTER, MASSACHUSETTS

Budget Office Division

FY21 CAPITAL BUDGET

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
DPW Sewer	Infrastructure	Lateral Sewer	\$ 220,000.00		\$ 220,000.00		
DPW Sewer	Infrastructure	Belmont Street/Hospital Drive	\$ 370,000.00		\$ 370,000.00		
DPW Sewer	Infrastructure	Pump Station Sewer	\$ 1,590,000.00		\$ 1,590,000.00		
DPW Sewer	Facility	Sewer Reconstruction	\$ 6,690,000.00		\$ 4,690,000.00	\$ 2,000,000.00	
DPW Sewer	Facility	Interceptor Rehabilitation	\$ 4,400,000.00		\$ 3,100,000.00	\$ 1,300,000.00	
DPW Sewer	Infrastructure	Surface Drains	\$ 200,000.00		\$ 200,000.00		
DPW Sewer	Infrastructure	Combined Sewer Overflow	\$ 1,000,000.00		\$ 1,000,000.00		
DPW Sewer	Infrastructure	Rte. 20	\$ 350,000.00			\$ 350,000.00	
DPW Sewer	Equipment	Generator	\$ 520,000.00		\$ 500,000.00	\$ 20,000.00	
DPW Sewer	Equipment	Equipment		\$ 24,500.00			
DPW Sewer	Equipment	Sewer Equipment	\$ 600,000.00		\$ 600,000.00		
DPW Sewer Sub-Total:			\$ 15,940,000.00	\$ 24,500.00	\$ 12,270,000.00	\$ 3,670,000.00	\$ -

DPW Sewer - Lateral Sewer: This funding provides of the continuing improvements to the City's sanitary sewer infrastructure.

DPW Sewer - Belmont Street/Hospital Drive: This funding provides improvements on these two streets for the development of the site.

DPW Sewer - Sewer Reconstruction: This funding provides of the continuing improvements to the City's sewer infrastructure including the replacement of sewer lines that are beyond their useful life.

DPW Sewer - Interceptor Rehabilitation: This funding provides of the continuing improvements to the City's sewer infrastructure.

DPW Sewer - Surface Drains: This funding provides for ongoing improvements to the City's stormwater systems and other critical stormwater projects.

DPW Sewer - Combined Sewer Overflow: This funding provides for ongoing improvements to the City's stormwater systems including the Combined Sewer Overflow facility.

DPW Sewer - Route 20: This funding provides for the completion of the City's route 20 sewer system expansion project.

DPW Sewer - Generator: This funding provides for the continuing investment in generator repair and replacement in sewer pump stations.

DPW Sewer - Equipment: This provides the replacement of various critical Sewer department equipment.

DPW Sewer - Sewer Equipment: This provides the replacement of various critical Sewer department equipment.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
DPW Water	Infrastructure	Filtration Plant	\$ 1,840,000.00		\$ 1,640,000.00	\$ 200,000.00	
DPW Water	Infrastructure	Mains	\$ 5,900,000.00		\$ 4,100,000.00	\$ 1,800,000.00	
DPW Water	Infrastructure	Meters	\$ 2,020,000.00		\$ 2,020,000.00		
DPW Water	Infrastructure	Reservoir Rehab/Water Dams/Tanks	\$ 2,560,000.00		\$ 2,485,000.00	\$ 75,000.00	
DPW Water	Infrastructure	Cross Connection/Hydrant/Leak	\$ 780,000.00		\$ 680,000.00	\$ 100,000.00	
DPW Water	Infrastructure	Land Acquisition	\$ 250,000.00		\$ 500,000.00		
DPW Water	Equipment	System Security	\$ 120,000.00		\$ 120,000.00		
DPW Water	Infrastructure	Transmission Mains	\$ 5,300,000.00		\$ 3,300,000.00	\$ 2,000,000.00	
DPW Water	Facility	Building Rehabilitation	\$ 240,000.00		\$ 200,000.00	\$ 40,000.00	
DPW Water	Equipment	Equipment		\$ 25,000.00			
DPW Water	Equipment	Water Equipment	\$ 600,000.00		\$ 600,000.00		
DPW Water Sub-Total:			\$ 19,610,000.00	\$ 25,000.00	\$ 15,645,000.00	\$ 4,215,000.00	\$ -

DPW Water - Filtration Plant: This funding provides for the ongoing projects at the Water Filtration plant.

DPW Water - Mains: This funding provides for improvements to the City's water main and other critical water infrastructure.

DPW Water - Meters: This funding allows the City to enhance and accelerate our program of water meter replacements in order to improve functionality of the City's water meters.

DPW Water - Reservoir Rehab/Water Dams/Tanks: This funding provides for improvements to city reservoirs including critical water related dam projects, other reservoir improvements, and repairs to city water tanks.

DPW Water - Cross Connection/Hydrant/Leak: This funding provides for improvements to the City's water hydrants and other critical water infrastructure. This funding provides for leak detection in the city's water systems. This funding also provides for improvements to the cross connection elimination program and other critical water infrastructure.

DPW Water - Land Acquisition: This funding allows the City to continue to acquire and preserve land adjacent to City reservoirs in order to maintain and improve the quality of the City's water supply.

DPW Water - System Security: This funding provides for improvements to the City's water system security and other critical water infrastructure.

DPW Water - Transmission Mains: This funding provides for improvements to the City's water transmission mains and other critical water infrastructure.

DPW Water - Building Rehabilitation: This funding provides for the ongoing improvement and needed rehabilitation at Water facilities.

DPW Water - Equipment: This funding provides for the replacement of various critical Water Division equipment.

DPW Water - Water equipment: This funding provides for the replacement of various critical Water Division equipment.

FY 2021 - 2025 Capital Improvement Program



Edward M. Augustus Jr.
City Manager

CITY OF WORCESTER, MASSACHUSETTS

Budget Office Division

FY21 CAPITAL BUDGET

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
DPW Off Street	Facility	Parking Garages	\$ 6,092,780.00		\$ 3,000,000.00	\$ 3,092,780.00	
DPW Off Street	Equipment	Parking Meters	\$ 840,000.00		\$ 500,000.00	\$ 340,000.00	
DPW Off Street	Facility	MassWorks - South Madison Garage					\$ 18,400,000.00
DPW Off Street	Facility	Lots	\$ 255,000.00		\$ 255,000.00		
DPW Off Street Sub-Total:			\$ 7,187,780.00	\$ -	\$ 3,755,000.00	\$ 3,432,780.00	\$ 18,400,000.00

DPW Off Street Parking Garages: This funding provides for the needed improvements for the safety and appearance at City owned parking garages.

DPW Off Street Parking Meters: This funding provides for the replacement and modernization of the City's parking meters.

DPW Off Street Parking Lots: This funding provides for the needed improvements for safety and appearance at City owned parking lots.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
Baseball	Infrastructure	Worcester Baseball	\$ 63,803,000.00			\$ 63,803,000.00	
Baseball Sub-Total:			\$ 63,803,000.00	\$ -	\$ -	\$ 63,803,000.00	\$ -

Worcester Baseball: Funding for ongoing baseball project.

Dept.	Category	Project Title	FY21 BORROWING	FY21 CASH PURCHASE	FY21 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds
ESCO	Infrastructure	ESCO Implementation Amendment #5	\$ 15,000,000.00			\$ 15,000,000.00	
ESCO Sub-Total:			\$ 15,000,000.00	\$ -	\$ -	\$ 15,000,000.00	\$ -

ESCO: Funding to support ongoing ESCO related infrastructure projects throughout the city.

FY 2021 - 2025 Capital Improvement Program



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CITY OF WORCESTER, MASSACHUSETTS

Budget Office Division

FY21 CAPITAL BUDGET

EQUIPMENT	FY21	FY22	FY23	FY24	FY25
Police	\$ 540,095.00	\$ 540,095.00	\$ 540,095.00	\$ 540,095.00	\$ 540,095.00
Fire	\$ 739,448.00	\$ 645,000.00	\$ 645,000.00	\$ 645,000.00	\$ 645,000.00
Inspectional Services	\$ 90,000.00	\$ 120,000.00	\$ 90,000.00	\$ 60,000.00	\$ 60,000.00
Technical Services	\$ 1,625,000.00	\$ 2,545,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
Elections	\$ 12,000.00	\$ -	\$ -	\$ -	\$ -
Public Schools	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00
EAM City Hall	\$ -	\$ -	\$ -	\$ 600,000.00	\$ 360,000.00
EAM Solar	\$ 61,900.00	\$ 75,000.00	\$ 120,000.00	\$ 260,000.00	\$ 250,000.00
EAM DCU	\$ -	\$ 248,000.00	\$ 93,000.00	\$ 13,000.00	\$ -
DPW	\$ 445,000.00	\$ 445,000.00	\$ 445,000.00	\$ 445,000.00	\$ 445,000.00
DPW Parks	\$ 500,000.00	\$ 1,200,500.00	\$ 1,342,500.00	\$ 1,507,000.00	\$ 1,297,500.00
DPW Sewer	\$ 1,120,000.00	\$ 1,120,000.00	\$ 1,120,000.00	\$ 1,120,000.00	\$ 1,120,000.00
DPW Water	\$ 720,000.00	\$ 720,000.00	\$ 720,000.00	\$ 720,000.00	\$ 720,000.00
DPW Off Street	\$ 840,000.00	\$ 840,000.00	\$ 840,000.00	\$ 840,000.00	\$ 840,000.00
Total Equipment	\$ 7,193,443.00	\$ 8,998,595.00	\$ 6,555,595.00	\$ 7,350,095.00	\$ 6,877,595.00
Facility Improvements					
Police	\$ 100,000.00	\$ 1,450,500.00	\$ -	\$ -	\$ -
Fire	\$ 6,500.00	\$ 87,743.00	\$ -	\$ -	\$ -
Public Schools	\$ 3,500,000.00	\$ 3,500,000.00	\$ 3,500,000.00	\$ 3,500,000.00	\$ 3,500,000.00
EAM Meade Street	\$ 200,000.00	\$ 120,000.00	\$ 500,000.00	\$ -	\$ -
EAM City Hall	\$ 1,378,000.00	\$ 380,000.00	\$ 750,000.00	\$ 210,000.00	\$ -
EAM Library	\$ 6,865,000.00	\$ 1,191,000.00	\$ 550,000.00	\$ 35,000.00	\$ -
EAM Senior Center	\$ 972,000.00	\$ -	\$ -	\$ -	\$ -
EAM DCU	\$ 397,000.00	\$ 400,000.00	\$ 800,000.00	\$ 587,000.00	\$ -
EAM Union Station	\$ 2,330,000.00	\$ 700,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00
DPW Parks	\$ 500,000.00	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00
DPW Sewer	\$ 11,090,000.00	\$ 11,090,000.00	\$ 11,090,000.00	\$ 11,090,000.00	\$ 11,090,000.00
DPW Water	\$ 240,000.00	\$ 240,000.00	\$ 240,000.00	\$ 240,000.00	\$ 240,000.00
DPW Off Street	\$ 24,747,780.00	\$ 6,347,780.00	\$ 6,347,780.00	\$ 6,347,780.00	\$ 6,347,780.00
Total Facility Improvements	\$ 52,326,280.00	\$ 26,207,023.00	\$ 24,977,780.00	\$ 23,209,780.00	\$ 22,377,780.00
Infrastructure					
DPW	\$ 18,434,992.00	\$ 18,434,992.00	\$ 18,434,992.00	\$ 18,434,992.00	\$ 18,434,992.00
DPW Parks	\$ 7,605,000.00	\$ 7,525,000.00	\$ 7,525,000.00	\$ 7,525,000.00	\$ 7,525,000.00
DPW Sewer	\$ 3,730,000.00	\$ 3,730,000.00	\$ 3,730,000.00	\$ 3,730,000.00	\$ 3,730,000.00
DPW Water	\$ 18,650,000.00	\$ 18,650,000.00	\$ 18,650,000.00	\$ 18,650,000.00	\$ 18,650,000.00
Baseball	\$ 63,803,000.00	\$ -	\$ -	\$ -	\$ -
ESCO	\$ 15,000,000.00	\$ 5,000,000.00	\$ 1,000,000.00	\$ -	\$ -
Total Infrastructure	\$ 127,222,992.00	\$ 53,339,992.00	\$ 49,339,992.00	\$ 48,339,992.00	\$ 48,339,992.00
Total Credit Funding Sources	\$ (140,002,680.00)	\$ (47,737,780.00)	\$ (43,737,780.00)	\$ (42,737,780.00)	\$ (42,737,780.00)
FY21 - FY25 TOTAL:	\$ 39,965,035.00	\$ 40,807,830.00	\$ 37,135,587.00	\$ 36,162,087.00	\$ 34,857,587.00