



Edward M. Augustus, Jr.
City Manager

CITY OF WORCESTER

cm2018may24122658

Attachment for Item #

8.36 B

May 29, 2018

TO THE WORCESTER CITY COUNCIL

COUNCILORS:

Attached for your consideration and approval please find the recommended Fiscal Year 2019 Capital Improvement Plan (CIP) for the City of Worcester. This plan has been developed with a keen focus on facility improvements, park improvements, Public Works Infrastructure and equipment, taking into account the collective priorities of the City Council and the community at large. In addition to the priorities, the FY19 Budget has been developed under the auspices of the City's new long term financial plan in which debt issues are tied directly to the City's long term ability to repay its obligations which has been a direct factor in the recent bond rating increases the City has earned over these last five (5) years.

The ultimate goal of this CIP is to provide better services and amenities to our citizens through the strategic investment in our streets/sidewalks, buildings in which individuals interact with its government and the equipment in which our employees deliver municipal services. As has been the case with previous capital plans the City continues to leverage other funding sources where available to maximize the effectiveness of its investments. Hereunder please find a summary of the recommended FY19 Capital Improvement Plan (CIP).

Category	FY19 TL Borrowing	FY19 Non-TL Borrowing	FY19 Total Investment
Equipment	3,473,910.00	3,479,266.00	6,953,176.00
Facility Improvement	1,998,050.00	30,531,617.00	32,529,667.00
Infrastructure	15,404,500.00	52,410,356.00	67,814,856.00
Parks Facility Improvements	1,000,000.00	-	1,000,000.00
Parks Infrastructure	5,245,000.00	850,000.00	6,095,000.00
WPS Equipment	500,000.00	-	500,000.00
WPS Facility Improvement	3,600,000.00	-	3,600,000.00
Grand Total	31,221,460.00	87,271,239.00	118,492,699.00



The following are highlights of the FY19 Capital Improvement budget:

Facility Improvement

The FY19 CIP is recommended to be a total investment of \$118.5M, an increase of \$31M over F18 CIP. The biggest contributor to this increase is an investment of \$32.5M in facility improvements. This includes a reconfiguration of the Main Library's first floor as well as improvements to the Senior Center, City Hall and DCU.

Parks Improvements

The FY19 CIP continues to focus on what was an overlooked asset and amenity of the residents of the City of Worcester, our Parks system. Of the 6.09M being invested in park infrastructure, \$1.6M is dedicated to improving South Worcester playground. This includes a complete redesign and construction with state of the art equipment and a new parking lot consistent with the Master Plan.

Public Works Infrastructure

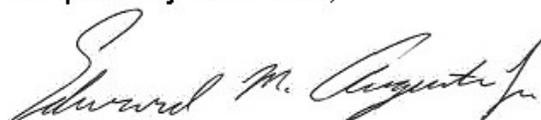
Ongoing investments in our core infrastructure (roads/water and sewer/ garages) are a necessity to any thriving/growing municipality. The FY19 CIP estimates \$67.8M of combined infrastructure spending between tax levy and non- tax levy supported improvements. This allocation spans from road improvements to water/sewer rehabilitation. The infrastructure improvements also range from public garage repairs to improved signage to assist residents and visitors navigating throughout the City.

Equipment

The delivery of public service continually evolves and requires capital equipment purchases to respond to the needs of the citizenry. The FY19 CIP continues with the acquisition of equipment throughout the numerous departments servicing the taxpayers of the City of Worcester. This year we are investing \$6.9M in equipment citywide while allocating over \$1M to upgrade both police and fire fleets with new marked and unmarked vehicles and fire engine.

With that, I respectfully request your approval of the proposed FY19 Capital Improvement Plan and associated loan orders.

Respectfully submitted,



Edward M. Augustus, Jr.
City Manager



City of Worcester

Fiscal Year 2019

Capital Budget

Edward M. Augustus, Jr., City Manager

Worcester, Massachusetts

FY 2019 - 2023 Capital Improvement Program							
		CITY OF WORCESTER, MASSACHUSETTS Department of Administration and Finance Budget Office Division					
		FY19 CAPITAL BUDGET				Thomas F. Zidelis Chief Financial Officer	
Edward M. Augustus Jr. City Manager							
Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Elections	Equipment	Electronic Poll Pads	\$ 35,000.00	\$ -	\$ -	\$ 35,000.00	\$ 35,000.00
City Clerk & Elections Equipment Sub-Total:			\$ 35,000.00	\$ -	\$ -	\$ 35,000.00	\$ 35,000.00
<p>Elections Electronic Poll Pads: We are seeking funding for 25 additional poll pads and will allow us to have one poll pad per polling location. This technology will increase efficiency at the check-in table and eliminate voter confusion by allowing poll workers to direct voters to the correct precincts. The poll pad technology will also aide with same day registration.</p>							
Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
EAM	Equipment	Ride on Mower/Snow Blower	\$ 36,000.00	\$ -	\$ -	\$ 36,000.00	\$ 36,000.00
EAM Library Equipment Sub-Total:			\$ 36,000.00	\$ -	\$ -	\$ 36,000.00	\$ 36,000.00
<p>EAM-Library Ride on Mower/Snow Blower: Will allow City staff to mow Senior Center grounds each year (saving over \$14k per year - split between Elder Affairs and EAM) as well as improve snow removal at the Library (including Francis Perkins location)</p>							

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
EAM	Equipment	Ballroom Chairs	\$ -	\$ 240,000.00	\$ -	\$ 240,000.00	\$ 240,000.00
EAM	Equipment	Telephone System	\$ -	\$ 175,000.00	\$ -	\$ 175,000.00	\$ 175,000.00
EAM	Equipment	Folding Chairs/Carts - Floor Seats	\$ -	\$ 130,000.00	\$ -	\$ 130,000.00	\$ 130,000.00
EAM	Equipment	Steamer - Main Kitchen	\$ -	\$ 18,266.00	\$ -	\$ 18,266.00	\$ 18,266.00
EAM	Equipment	Ride on Vacuum	\$ -	\$ 16,000.00	\$ -	\$ 16,000.00	\$ 16,000.00
EAM	Equipment	Wide Area Vacuums (4)	\$ -	\$ 17,000.00	\$ -	\$ 17,000.00	\$ 17,000.00
EAM	Equipment	Dasher Glass System	\$ -	\$ 120,000.00	\$ -	\$ 120,000.00	\$ 120,000.00
EAM DCU Equipment Sub-Total:			\$ -	\$ 716,266.00	\$ -	\$ 716,266.00	\$ 716,266.00

EAM-DCU Ballroom Chairs: Current chairs are beginning to break and wear and inventory is depleting to a level below maximum matching configuration. If City replacement inventory is available, the older equipment could be deployed in other City facilities.

EAM-DCU Telephone System: Replacement telephone system transferring to VOIP. 200 lines with 160 handsets - hardware, software, install, etc. Staff needs to do thorough review in May/June in preparation of consultant.

EAM-DCU Folding Chairs/Carts: Replacing old, damaged arena floor chairs and add a new storage system to increase capacity. To be done in conjunction with arena seat replacement.

EAM-DCU Steamer: 2 of 3 steamers no longer function. Primary piece of equipment in the kitchen. Failure of the 3rd one will provide an all stop to food production.

EAM-DCU Ride On Vacuum: Of 2 ride-on vacuums, 1 is completely unusable and second one on last legs. Both are over 18-years old and no parts available.

EAM-DCU Wide Area Vacuums: Of 4 purchased with opening of CC, 2 are unusable and 2 are 20 years old. Parts not available. Critical to maintenance of facility.

EAM-DCU Dasher Glass System: NHL has moved back to plexi as the preferred glass system due to high incidence of injury to players with current glass system. Expect ECHL and NCAA will also require but no idea when this might take place. Glass type change will require certain retrofits on dasher boards to accept thinner glass.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Police	Equipment	Marked Vehicles (14)	\$ 538,006.00	\$ -	\$ -	\$ 538,006.00	\$ 538,006.00
Police	Equipment	Unmarked Vehicles (6)	\$ 183,330.00	\$ -	\$ -	\$ 183,330.00	\$ 183,330.00
Police	Equipment	Wireless Microphone Communication	\$ 17,600.00	\$ -	\$ -	\$ 17,600.00	\$ 17,600.00
Police Equipment Sub-Total:			\$ 738,936.00	\$ -	\$ -	\$ 738,936.00	\$ 738,936.00

Police Marked Vehicles (14 Requested): Officer safety is our primary priority. We have evaluated all of the vehicles in the fleet and have determined that 14 marked vehicles are rated in fair or 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.

Police Unmarked Vehicles (6 Requested): Officer safety is our primary priority. We have evaluated all of the vehicles in the fleet and have determined that 6 unmarked vehicles are rated in fair or 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.

Police Wireless Microphone for Communication System: The WPD has 11 officers assigned to patrol and answer calls for service by motorcycle. The wireless microphone communication system will allow these officers hands free communication with dispatch and other officers.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Fire	Equipment	2018 Chevy Silverado Maint Div	\$ 65,000.00	\$ -	\$ -	\$ 65,000.00	\$ 65,000.00
Fire	Equipment	Engine 16	\$ 585,000.00	\$ -	\$ -	\$ 585,000.00	\$ 585,000.00
Fire	Equipment	Ladder 6	\$ -	\$ -	\$ 975,000.00	\$ 975,000.00	\$ -
Fire	Equipment	Spare Hose Cache	\$ 15,000.00	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00
Fire	Equipment	Engine 2	\$ -	\$ 514,492.00	\$ -	\$ 514,492.00	\$ -
Fire	Equipment	Engine 2 Equipment Fitout	\$ -	\$ 38,000.00	\$ -	\$ 38,000.00	\$ -
Fire Equipment Sub-Total:			\$ 665,000.00	\$ 552,492.00	\$ 975,000.00	\$ 2,192,492.00	\$ 665,000.00
<p>Fire 2018 Chevy Silverado: The department needs to replace our 1999 Maintenance truck. This truck is used by our maintenance staff to provide field repairs, snow plowing, and pick-up and delivery of heavy equipment. The entire bed and undercarriage of this truck is rotted out. This is the 3rd year this is being requested. We can no longer run this truck at its current capacity.</p>							
<p>Fire Engine 16: This engine is 21 years old and is in poor condition. It will be placed into service as a spare and replace a 30-year old spare truck, which does not meet acceptable safety standards. Two of the spare engines will be 30-years old in 2019, have both failed pump testing and are not repairable. It is important to follow our fleet replacement plan to allow frontline engines to move to spare status while serviceable.</p>							
<p>Fire Ladder 6: This ladder is 30-years old, 15-years beyond the NFPA recommended service life. The current ladder will move to spare service. We currently only have one spare ladder and it has been in service for the majority of the year due to ladder trucks being repaired. We have had two occasions where we did not have another spare ladder and were forced to run with only six frontline ladders.</p>							
<p>Fire Spare Hose Cache: The department needs to build a cache of spare hose, nozzles, valves and other durable firefighting equipment. Over the years our aging hose inventory has been failing at an alarming rate. Through a grant we were able to purchase all new 1 3/4" and 2 1/2" hose this past year but have no spare lengths of those sizes nor the 3" hose lines. We also have no valves or nozzles to replace our aging ones.</p>							
<p>Fire Engine 2: Carryover from FY18 Capital Improvement Plan</p>							
<p>Fire Engine 2 Equipment Fit Out: Carryover from FY18 Capital Improvement Plan</p>							

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Inspectional	Equipment	Vehicles	\$ 60,000.00	\$ 1,474.00	\$ -	\$ 61,474.00	\$ 61,474.00
Inspectional	Equipment	Rolling Shelving Historic Records	\$ 7,500.00	\$ -	\$ -	\$ 7,500.00	\$ 7,500.00
Inspectional	Equipment	VOC Meter	\$ 6,000.00	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00
Inspectional Services Equipment Sub-Total:			\$ 73,500.00	\$ 1,474.00	\$ -	\$ 74,974.00	\$ 74,974.00

Inspectional Services Vehicles: With a total of 28 vehicles for 38 direct field staff, the department seeks to regain recent losses to the aging fleet. The oldest vehicles range between 2004-2005. There is an intangible benefit for field staff to be in marked vehicles, in traffic pattern issues or other potential emergency situations.

Inspectional Services Roller Shelving for Historic Record Books: The Department of Inspectional Services is requesting one roller shelf record desk to properly store our historical permit record books. DIS currently stores historical records of all building permits issued in the City dating back to 1889. These records are currently in rough shape and need to be rebound in order to be preserved. Proper shelving will aid in preservation of these invaluable documents.

Inspectional Services VOC Meter: The department is requesting a Volatile Organic Compound meter for use by several units - plumbing/gas, housing and air, water and hazardous materials. During hazardous spills including home heating oil or noxious gas, the fire department looks to us to determine if it is safe for occupants to return to their home after an evacuation. We must rely on outside agencies equipment to assist.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Elder Affai	Equipment	Computers for Lab	\$ 3,000.00	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00
Elder Affairs Equipment Sub-Total:			\$ 3,000.00	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00

Elder Affairs Computers for Lab: Rapid changes in technology challenge seniors; minds and provide access to a wealth of information, activities & connections. To address this, the Senior Center's computer lab is maintained by replacing two obsolete computers/year.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
DPW	Equipment	DPW Tax Levy Equipment	\$ 750,000.00	\$ -	\$ -	\$ 750,000.00	\$ 750,000.00
DPW Equipment Sub-Total:			\$ 750,000.00	\$ -	\$ -	\$ 750,000.00	\$ 750,000.00

DPW Equipment: This funding provides for the replacement of mission critical Department of Public Work equipment including a crew cab pick-up truck, ½ ton pick-up truck, 1-Ton rollers, 4-Ton hot boxes on skids, roll off container, tools, and other equipment that may require replacement during the year.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
DPW-Sewer	Equipment	DPW Sewer Equipment	\$ 660,000.00	\$ 520,000.00	\$ -	\$ 1,180,000.00	\$ 1,180,000.00
DPW Sewer Equipment Sub-Total:			\$ 660,000.00	\$ 520,000.00	\$ -	\$ 1,180,000.00	\$ 1,180,000.00

DPW Sewer Equipment: This funding provides for the replacement of critical Sewer Division equipment including a dump truck, pick-up trucks, Catch Basin cleaners, street sweepers, or other Sewer equipment that may need replacement during the year.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
DPW-Water	Equipment	DPW Water Equipment	\$ 695,000.00	\$ 888,000.00	\$ -	\$ 1,583,000.00	\$ 1,583,000.00
DPW Water Equipment Sub-Total:			\$ 695,000.00	\$ 888,000.00	\$ -	\$ 1,583,000.00	\$ 1,583,000.00

DPW Water Equipment: This funding provides for the replacement of critical Water Division equipment including radios, technical equipment for the Water Filtration Plant, instruments and computers, a backhoe, Utility truck, security vehicle, a pick-up truck, or other equipment that may need replacement during the year.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Schools	Equipment	Various School Equipment	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00	\$ 500,000.00
Schools Equipment Sub-Total:			\$ 500,000.00	\$ -	\$ -	\$ 500,000.00	\$ 500,000.00

Schools Various Capital Equipment: Various Capital Equipment for Public Schools in FY19.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Library	Equipment	Server	\$ 6,500.00	\$ -	\$ -	\$ 6,500.00	\$ 6,500.00
Public Library Equipment Sub-Total:			\$ 6,500.00	\$ -	\$ -	\$ 6,500.00	\$ 6,500.00

Library Server PowerEdge R430: The Worcester Public Library needs to replace an aging Domain Controller server. The new server replaces a 10-year old unit and will be one of three Domain Controllers-Pharos server. Domain Controllers typically only serve one function which is why it can last for a long time without being replaced, however it needs to be replaced.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Assessing	Equipment	Staff Vehicles Replacement Program	\$ 75,000.00	\$ -	\$ -	\$ 75,000.00	\$ 75,000.00
Assessing Equipment Sub-Total:			\$ 75,000.00	\$ -	\$ -	\$ 75,000.00	\$ 75,000.00

Assessing Staff Vehicles Replacement Program (3 Cars): Request to replace three aging staff vehicles.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Technical	Equipment	Data Center Coolant Replacement	\$ 130,000.00	\$ 160,000.00	\$ -	\$ 290,000.00	\$ 290,000.00
Technical	Equipment	Data Center Fire Suppression Rept	\$ 60,000.00	\$ -	\$ -	\$ 60,000.00	\$ 60,000.00
Technical	Equipment	Citywide Phone System	\$ 36,500.00	\$ -	\$ -	\$ 36,500.00	\$ 36,500.00
Technical	Equipment	Laserfiche Doc Imaging	\$ 53,000.00	\$ -	\$ -	\$ 53,000.00	\$ 53,000.00
Technical Services Equipment Sub-Total:			\$ 279,500.00	\$ 160,000.00	\$ -	\$ 439,500.00	\$ 439,500.00

Technical Services Data Center Coolant Replacement: The current coolant system in the main data center is near its end of life and continues to experience performance issues that require service calls. The original replacement quote of \$160,000 did not factor in the cost to install the unit on the roof as well as additional electrical costs

Technical Services Data Center Fire Suppression Rept: The fire suppression system in the main data center is near its end of life and no longer supported. We must replace the system to a new, reliable product.

Technical Services Citywide Phone System Completion: This item includes all the equipment and services necessary to add the remaining City departments to the new VOIP phone system. Departments include the WFD headquarters and fire stations, DPW locations including the Water Filtration Plant, Hope Cemetery, Greenhill Golf Course and Parks and Rec, Workforce Development locations, and Citysquare Garage.

Technical Services Laserfiche Doc Imaging: This item will enable Technical Services to implement Laserfiche document imaging in the remaining departments to use the citywide document repository.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Parks	Equipment	Parks Tax Levy Equipment	\$ 650,000.00	\$ -	\$ -	\$ 650,000.00	\$ 650,000.00
Parks Equipment Sub-Total:			\$ 650,000.00	\$ -	\$ -	\$ 650,000.00	\$ 650,000.00

Parks Equipment: This funding will provide for various Parks Capital Equipment in FY19.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
EAM	Facility Imp.	Main Library Master Plan	\$ 3,500,000.00	\$ -	\$ -	\$ 3,500,000.00	\$ 3,500,000.00
EAM Library Facility Imp. Sub-Total:			\$ 3,500,000.00	\$ -	\$ -	\$ 3,500,000.00	\$ 3,500,000.00

EAM-Library Main Library Master Plan: Rework of 1st floor including new entrance from Franklin sSt., enclosing arcade space, reconfiguring existing first floor functions, and related support equipment; move Children's room to 3rd floor; replace existing flagstone pavers and re-seal/waterproof area; create best library children's room on East Coast.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
EAM	Facility Imp.	Fluorescent Lighting Replacement	\$ 100,000.00	\$ -	\$ -	\$ 100,000.00	\$ 11,800.00
EAM	Facility Imp.	Landscape Improvements	\$ 9,000.00	\$ -	\$ -	\$ 9,000.00	\$ 9,000.00
EAM	Facility Imp.	MassWorks Projects	\$ 400,000.00	\$ -	\$ 1,500,000.00	\$ 1,900,000.00	\$ 400,000.00
EAM Senior Center Facility Imp. Sub-Total:			\$ 509,000.00	\$ -	\$ 1,500,000.00	\$ 2,009,000.00	\$ 420,800.00

EAM-Senior Center Fluorescent Lighting Replacement: Replace all Fluorescent lighting with LEDs to save on utility maintenance costs.

EAM-Senior Center Landscape Improvements: The Senior Center aesthetics need attention and this project will enhance garden beds with new plantings.

EAM-Senior Center Massworks Projects: Total Project costs are estimated to be \$2.1M. MassWorks grant to cover \$1.5M and City provides these funds as the required match contribution.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
EAM	Facility Imp.	Design Install Fire Alarm Panel	\$ 40,000.00	\$ -	\$ -	\$ 40,000.00	\$ 40,000.00
EAM	Facility Imp.	Interior Renovations	\$ 60,000.00	\$ -	\$ -	\$ 60,000.00	\$ 60,000.00
EAM 25 Meade St Facility Imp. Sub-Total:			\$ 100,000.00	\$ -	\$ -	\$ 100,000.00	\$ 100,000.00

EAM-25 Meade St Design/Install Fire Alarm Panel: City system is abandoning the old BANA phone line system and requiring radio box installations for FD monitoring. Additional known faults in the system will also have to be resolved during the work for FD final approval, thus the ground fault repair is also noted. (alternate option is a third party monitoring system which is estimated to cost \$7,500 to install and average an additional \$200 per month - OM budget increase - for the monitoring fees)

EAM-25 Meade St Interior Renovations: There are several office areas that need to be reorganized and fit out for the current departmental uses. Additionally, previous modifications to the building layout did not include revisions to the HVAC system. That has created areas with little to no temperature control of their own. Updates to the HVAC ductwork and VAV system need to be implemented in order to resolve underserved areas.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
EAM	Facility Imp.	Replace Capeting Auditing	\$ 22,000.00	\$ -	\$ -	\$ 22,000.00	\$ 22,000.00
EAM	Facility Imp.	Law Office Reconfiguration	\$ 75,000.00	\$ -	\$ -	\$ 75,000.00	\$ 75,000.00
EAM	Facility Imp.	City Hall Roof Replacement	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00	\$ 500,000.00
EAM	Facility Imp.	Update Door Access System	\$ 12,500.00	\$ -	\$ -	\$ 12,500.00	\$ 12,500.00
EAM	Facility Imp.	Reinstall Brass Handrails Front Steps	\$ 6,500.00	\$ -	\$ -	\$ 6,500.00	\$ 6,500.00
EAM	Facility Imp.	Redesign Roof Drainage	\$ 48,000.00	\$ -	\$ -	\$ 48,000.00	\$ 48,000.00
EAM	Facility Imp.	Replace all window Blinds	\$ 50,000.00	\$ -	\$ -	\$ 50,000.00	\$ 50,000.00
EAM	Facility Imp.	City Hall Fire Alarm Replacement	\$ 23,000.00	\$ -	\$ -	\$ 23,000.00	\$ 23,000.00
EAM	Facility Imp.	Refinish Rear Entrance	\$ 7,000.00	\$ -	\$ -	\$ 7,000.00	\$ 7,000.00
EAM	Facility Imp.	Add Exterior Outlets	\$ 1,500.00	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
EAM	Facility Imp.	Upgrade Counters to ADA Compliant	\$ 50,000.00	\$ -	\$ -	\$ 50,000.00	\$ 50,000.00
EAM	Facility Imp.	Refinish Howland Baseboards	\$ 12,000.00	\$ -	\$ -	\$ 12,000.00	\$ 12,000.00
EAM City Hall Facility Imp. Sub-Total:			\$ 807,500.00	\$ -	\$ -	\$ 807,500.00	\$ 807,500.00

<p>EAM-City Hall Replace Carpeting Auditing: Carpeting in Auditing (Room 102) is threadbare in areas and should be replaced.</p>
<p>EAM-City Hall Law Office Reconfiguration: Basic layout has been reviewed and concepts in place to proceed with scope.</p>
<p>EAM-City Hall Roof Replacement: Per design results of FY17, the City Hall roof need repairs or replacement up to \$2.75Mil. It may be less based on the level of investment the City chooses to take. Recommend combining the roof repair project scope with the exterior window work to maximize the value of the staging of the building and reduce the potential costs associated with completing them separately.</p>
<p>EAM-City Hall Update Door Access System: Centralize and simplify effort by respective vendors to resolve issues or monitor systems. Additionally, for EAM buildings, allows for one access key card or fob to work for all EAM buildings. Currently there are four different systems and fobs one needs to access all areas of the EAM buildings, not including DCU (two library bldgs and two separate systems in City Hall).</p>
<p>EAM-City Hall Reinstall Brass Handrails Front Steps: The brass handrails for the stairs to the front second floor entrance are either stored in the basement or partially installed outside. These need to be refinished and reinstalled to meet code, protect the life of the handrails, and generally improved aesthetics.</p>
<p>EAM-City Hall Redesign Roof Drainage: Old drainage system has failed causing water to infiltrate basement in several places. This in turn is causing damages to building and stored materials.</p>
<p>EAM-City Hall Replace all Window Blinds: Outdated and failing blinds lead to recurring calls for assistance or maintenance. Blinds needed for several office to control temperature, reduce drafting, and reduce solar glare. Make them consistent, new, and easier to operate. Current blinds are outdated, replacement parts are hard to find, and hard to use. Assumes an average of \$500 per window.</p>
<p>EAM-City Hall City Hall Fire Alarm Replacement: Fire Alarm Panel is outdated and needs to be updated in order to provide modern technology options like Mass Notification.</p>
<p>EAM-City Hall Refinish Rear Entrance: Due to weather and exposure, these doors need to be refinished before exposure requires greater costs to replace.</p>
<p>EAM-City Hall Add Exterior Outlets: Add outlets for various public uses (when permitted) and for workers. Currently power is available only from inside or behind iron gate.</p>
<p>EAM-City Hall Upgrade Counters to ADA Compliance: Many of the counters throughout the building are not ADA compliant. Funding would allow for upgrades throughout City Hall so all Depts meet ADA counter requirements. This would also allow us to install bullet proof glass at Treasury, remove the existing metal pull downs, and replace the laminate with real oak trim.</p>
<p>EAM-City Hall Refinish Esther Howland Baseboards: Approximately \$15,000 was invested to refinish the hardwood floors after removing the carpeting. Additional funds are needed in order to refinish the bottom 3 feet of the walls and baseboards, refinish the lower part of the dais, and refinish/repair the window sills (which should finish the upgrades to the stained wood in this room for several years).</p>

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
EAM	Facility Imp.	Fit out Empty Tenant Spaces	\$ 300,000.00	\$ -	\$ -	\$ 300,000.00	\$ 300,000.00
EAM Union Station Facility Imp. Sub-Total:			\$ 300,000.00	\$ -	\$ -	\$ 300,000.00	\$ 300,000.00
EAM-Union Station Fit Out Empty Tenant Spaces: Estimated costs to fit out spaces for prospective tenants spaces.							

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
EAM	Facility Imp.	Replace CC Revolving Door	\$ -	\$ 65,000.00	\$ -	\$ 65,000.00	\$ 65,000.00
EAM	Facility Imp.	Exterior Door Repairs (6)	\$ -	\$ 40,000.00	\$ -	\$ 40,000.00	\$ 40,000.00
EAM	Facility Imp.	Replace Ice Deck Seal	\$ -	\$ 15,000.00	\$ -	\$ 15,000.00	\$ 15,000.00
EAM	Facility Imp.	Conv Center Pier Repair	\$ -	\$ 20,000.00	\$ -	\$ 20,000.00	\$ 20,000.00
EAM	Facility Imp.	Exterior DCU Signs (5)	\$ -	\$ 110,000.00	\$ -	\$ 110,000.00	\$ 110,000.00
EAM	Facility Imp.	Subsoil Heating Loop Repair	\$ -	\$ 24,000.00	\$ -	\$ 24,000.00	\$ 24,000.00
EAM	Facility Imp.	Airwall Replacement - CC/Swing	\$ -	\$ 65,000.00	\$ -	\$ 65,000.00	\$ 65,000.00
EAM	Facility Imp.	Replace Door Controsl S elevator	\$ -	\$ 25,000.00	\$ -	\$ 25,000.00	\$ 25,000.00
EAM	Facility Imp.	Airwall Replacement - Meeting Rooms	\$ -	\$ 95,000.00	\$ -	\$ 95,000.00	\$ 95,000.00
EAM	Facility Imp.	Airwall Replacement - Arena/Swing	\$ -	\$ 65,000.00	\$ -	\$ 65,000.00	\$ 65,000.00
EAM	Facility Imp.	Airwall Replacement - Exhibit Hall	\$ -	\$ 80,000.00	\$ -	\$ 80,000.00	\$ 80,000.00
EAM	Facility Imp.	Reconfigure Rollup Door #20	\$ -	\$ 21,000.00	\$ -	\$ 21,000.00	\$ 21,000.00
EAM	Facility Imp.	Repaint Exhibit Hall/Gallery	\$ -	\$ 75,000.00	\$ -	\$ 75,000.00	\$ 75,000.00
EAM	Facility Imp.	Concrete Skim to Exhibit Floor	\$ -	\$ 224,000.00	\$ -	\$ 224,000.00	\$ 224,000.00
EAM	Facility Imp.	Swing Hall Curtaining System	\$ -	\$ 75,000.00	\$ -	\$ 75,000.00	\$ 75,000.00
EAM	Facility Imp.	Accessibility ADA improvements	\$ -	\$ 65,000.00	\$ -	\$ 65,000.00	\$ 65,000.00
EAM	Facility Imp.	Replace Fire Protection Seating	\$ -	\$ 2,500.00	\$ -	\$ 2,500.00	\$ 2,500.00
EAM	Facility Imp.	Arena/Convention Separation	\$ -	\$ 585,000.00	\$ -	\$ 585,000.00	\$ 585,000.00
EAM	Facility Imp.	Add Level 300 Arena Striping	\$ -	\$ 137,500.00	\$ -	\$ 137,500.00	\$ 137,500.00
EAM	Facility Imp.	Add Missing Exit Sign	\$ -	\$ 1,000.00	\$ -	\$ 1,000.00	\$ 1,000.00
EAM	Facility Imp.	Fire Sprinkler In Storage Area	\$ -	\$ 455,000.00	\$ -	\$ 455,000.00	\$ 455,000.00
EAM	Facility Imp.	Replace northeast exterior handrails	\$ -	\$ 38,500.00	\$ -	\$ 38,500.00	\$ 38,500.00
EAM	Facility Imp.	Convention Fire Alarm Upgrade	\$ -	\$ 949,016.00	\$ -	\$ 949,016.00	\$ 949,016.00
EAM	Facility Imp.	Upgrade CCTV Security System	\$ -	\$ 455,000.00	\$ -	\$ 455,000.00	\$ 455,000.00
EAM	Facility Imp.	General Structural Repairs	\$ -	\$ 197,374.00	\$ -	\$ 197,374.00	\$ 197,374.00
EAM	Facility Imp.	General Roofing Repairs	\$ -	\$ 1,790,880.00	\$ -	\$ 1,790,880.00	\$ 1,790,880.00
EAM	Facility Imp.	Replace Rooftop HVAC Units	\$ -	\$ 11,605,847.00	\$ -	\$ 11,605,847.00	\$ 11,605,847.00
EAM	Facility Imp.	Replace Arena HVAC Tower	\$ -	\$ 2,625,000.00	\$ -	\$ 2,625,000.00	\$ 2,625,000.00
EAM DCU Facility Imp. Sub-Total:			\$ -	\$ 19,906,617.00	\$ -	\$ 19,906,617.00	\$ 19,906,617.00

<p>EAM-DCU CC Revolving Door: Area is heaving which results in the door binding. Entire door unit needs to be removed and replaced. This was discussed two years ago, including a full redesign and it was determined that a redesign was unnecessary, but door was never repaired.</p>
<p>EAM-DCU Exterior Door Repairs (6): FD determined Door 17, 21, & 24 be repaired for public safety reasons. Additional doors have been sited by FD and with continued corrosion will need to be done this coming FY.</p>
<p>EAM-DCU Replace Ice Deck Seal: Identified in Assessment report and is particularly important with subsoil heating loop issues.</p>
<p>EAM-DCU Convention Center Pier Repair: Blocks on concrete piers at roofline of convention center are cracked, resulting in pedestrian safety issues.</p>
<p>EAM-DCU Exterior DCU Signs (5): Original LED technology is outdated on these 12-year old signs. Naming Rights agreement requires an immediate repair of extinguished bulbs. To maintain contractual responsibilities under agreement, these need to be retrofitted ASAP. Recommended phasing last year, but now they all need to be completed. Met with DCU to see if they would consider funding but they declined.</p>
<p>EAM-DCU Subsoil Heating Loop Repair: Ice slab subsoil heating loop is leaking. A full-slab replacement is not feasible. The goal would be to try a leak repair process first.</p>
<p>EAM-DCU Airwall Replacement CC/Swing Hall: The Original wall in swing hall, have failed structurally causing safety issues, and wall coverings are torn and unsightly. A temporary fix was completed several years ago. This wall was discussed in Facility Assessment report of needing to be "fire rated".</p>
<p>EAM-DCU Replace Door Control S Elevator CC: Primary Conv Ctr Elevator - Closure mechanism is working improperly and the significant load reduction rate from third floor to exit has led to client complaints.</p>
<p>EAM-DCU Airwall Replacement Meeting Rooms (2): The Original wall. Other walls have failed structurally causing safety issues. Walls coverings are torn and unsightly.</p>
<p>EAM-DCU Airwall Replacement Arena/Swing Hall: The Original wall. Other walls have failed structurally causing safety issues. Walls coverings are torn and unsightly.</p>
<p>EAM-DCU Airwall Replacement Exhibit Hall: The Original wall. Other walls have failed structurally causing safety issues. Walls coverings are torn and unsightly.</p>
<p>EAM-DCU Reconfigure/Replace Rollup Door #20: Door # 4 was replaced in 2010 due to extensive repairs and poor quality. Doors provided were not high volume spec and have exceeded useful life.</p>
<p>EAM-DCU Repaint Exhibit Hall and Gallery: Touchups are very noticeable at this point. Fading, dirt, as well as normal wear and tear have resulted in the need for complete repainting. Due to heights in many areas, a contractor will be required to perform the work. This will be supplemented with facility labor where feasible.</p>
<p>EAM-DCU Skim Coat to Concrete Exhibit Hall Floor: Significant deterioration of the concrete floor along rebar. Regular repairs are made but have increasingly failed causing safety issues</p>
<p>EAM-DCU Swing Hall Curtaining System: Improved use of this area for events. Several graduation and trade shows utilize both venues for floor space. Area is "dressed" with portable equipment which is prone to falling down and causes a safety issue.</p>

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Police	Facility Imp.	Repair Cement Stairway	\$ 69,750.00	\$ -	\$ -	\$ 69,750.00	\$ 69,750.00
Police Facility Imp. Sub-Total:			\$ 69,750.00	\$ -	\$ -	\$ 69,750.00	\$ 69,750.00

Police Repair Cement Stairway: Three of four sets of parking lot/entrance stairways are unsafe for foot travel and portions have been roped off due to severe deterioration. The cement is crumbling and pieces are breaking away and this presents a trip and fall risk to residents and employees. A City Inspector has evaluated these stairways and is in agreement that they are unsafe.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Fire	Facility Imp.	Grove St Bathroom Rehab	\$ 50,000.00	\$ -	\$ -	\$ 50,000.00	\$ 50,000.00
Fire Facility Imp. Sub-Total:			\$ 50,000.00	\$ -	\$ -	\$ 50,000.00	\$ 50,000.00

Fire Grove St Bathroom Rehab: This project will consist of the rehabilitation of 3 restrooms and a shower facility at the Grove Street Fire Station. The public restroom off the apparatus bay is in terrible condition and needs to be completely rebuilt. The Chief's bathrooms and the upstairs shower/bathroom need extensive plumbing, tile and painting work.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
DPW	Facility Imp.	DPW Facilities Improvements	\$ 100,000.00	\$ 263,000.00	\$ -	\$ 363,000.00	\$ 250,000.00
DPW Facility Imp. Sub-Total:			\$ 100,000.00	\$ 263,000.00	\$ -	\$ 363,000.00	\$ 250,000.00

DPW Facilities Improvements: This funding provides for the ongoing improvement and needed rehabilitation at DPWP facilities to address roof issues, lighting, elevators, HVAC, or other facility needs.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
DPW - Sew	Facility Imp.	Sewer Facilities Improvements	\$ 100,000.00	\$ 575,000.00	\$ -	\$ 675,000.00	\$ 675,000.00
DPW - Sewer Facility Imp. Sub-Total:			\$ 100,000.00	\$ 575,000.00	\$ -	\$ 675,000.00	\$ 675,000.00

DPW Sewer Facility Improvements: This funding provides for the continuing investment in building rehabilitation needs at Sewer facilities as well as the replacement and improvement of generators in Sewer pump stations.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
DPW - Wa	Facility Imp.	Water Facilities Improvements	\$ 6,200,000.00	\$ 3,705,000.00	\$ -	\$ 9,905,000.00	\$ 6,450,000.00
DPW - Water Facility Imp. Sub-Total:			\$ 6,200,000.00	\$ 3,705,000.00	\$ -	\$ 9,905,000.00	\$ 6,450,000.00
<p>DPW Water Facility Improvements: This funding provides for improvements at the Water Filtration Plant, pump stations, reservoirs and tanks, as well as other building rehabilitation of Water department facilities.</p>							
Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Schools	Facility Imp.	Public School Rehab	\$ 3,600,000.00	\$ -	\$ -	\$ 3,600,000.00	\$ 3,600,000.00
Schools Facility Imp. Sub-Total:			\$ 3,600,000.00	\$ -	\$ -	\$ 3,600,000.00	\$ 3,600,000.00
<p>Schools Public School Rehab: Rehabilitation at various public schools in FY19.</p>							
Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Parks	Facility Imp.	General Building Rehab	\$ 100,000.00	\$ 21,689.56	\$ -	\$ 121,689.56	\$ 100,000.00
Parks	Facility Imp.	South Worcester Playground	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00	\$ 500,000.00
Parks	Facility Imp.	Mulcahy Field	\$ 300,000.00	\$ -	\$ -	\$ 300,000.00	\$ 300,000.00
Parks	Facility Imp.	Auditorium	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00	\$ 100,000.00
Parks Facility Imp. Sub-Total:			\$ 1,400,000.00	\$ 21,689.56	\$ -	\$ 1,421,689.56	\$ 1,000,000.00
<p>Parks General Building Rehab: Complete a full review of all Park Buildings (currently 42), begin design of renovations based on priority, and implement building improvements based on priority.</p>							
<p>Parks South Worcester Playground: Renovations to existing building.</p>							

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
ED	Infrastructure	Blackstone Gateway Park	\$ -	\$ 134,500.00	\$ 80,000.00	\$ 214,500.00	\$ 134,500.00
ED	Infrastructure	CitySquare Direct	\$ -	\$ 200,000.00	\$ -	\$ 200,000.00	\$ 200,000.00
ED	Infrastructure	Union Station	\$ -	\$ 550,000.00	\$ 2,200,000.00	\$ 2,750,000.00	\$ 550,000.00
ED	Infrastructure	Urban Renewal	\$ 4,000,000.00	\$ -	\$ -	\$ 4,000,000.00	\$ -
Economic Development Infrastructure Sub-Total:			\$ 4,000,000.00	\$ 884,500.00	\$ 2,280,000.00	\$ 7,164,500.00	\$ 884,500.00

Economic Development Blackstone Gateway Park: Blackstone Gateway Park, currently under construction, will feature a half-mile of accessible walking paths, elevated boardwalks, pedestrian bridges, and public art. This new riverfront park will stand out as a unique urban park providing recreational amenities, while maintaining the feel of a forested park as it spans a section of the Middle River that runs into the headwaters of the Blackstone River, adjacent to McKeon Road. The scope of the project in FY 19 is anticipated to include installation of an emergency communication system, additional public art, wayfinding signage, Launch Guides, and incorporation of the Chestnut Street Congregational Church gargoyles.

Economic Development Citysquare Direct: The City has invested in a revamped roadway network in the heart of the Downtown. Remaining costs include completing a scope of work through DPW for Trumbull Street. This work involves final paving of the roadway between Franklin Street and Front Street.

Economic Development Union Station: The biggest component of this request is related to State of Good Repair grant improvements to the Union Station facility. A revised scope of work for the leak remediation project is under design and construction is anticipated to commence in Summer 2018. Other improvements currently under design include installing a new public address system, upgrading/replacing the generator, refinishing elevators, constructing bicycle storage, resurfacing the front driveway, replacing the floor of the indoor bus waiting area, and additional Harding Street taxi queue improvements. Construction is anticipated to begin in spring 2018.

Economic Development Urban Renewal: Through the recent approval of a Downtown Urban Revitalization Plan, the Worcester Redevelopment Authority has been working with the City to identify possible actions (infrastructure, public realm improvements, and acquisition) highlighted in the Plan.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
DPW	Infrastructure	Dam Improvements	\$ -	\$ 1,000,000.00	\$ -	\$ 1,000,000.00	\$ 1,000,000.00
DPW	Infrastructure	StreetLight Improvements	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00	\$ 500,000.00
DPW	Infrastructure	Crow Hill Improvements	\$ -	\$ 950,000.00	\$ -	\$ 950,000.00	\$ 950,000.00
DPW	Infrastructure	Street Infrastructure	\$ 9,470,000.00	\$ 8,150,000.00	\$ -	\$ 17,620,000.00	\$ 10,620,000.00
DPW	Infrastructure	Private St	\$ 300,000.00	\$ 600,000.00	\$ -	\$ 900,000.00	\$ 900,000.00
DPW	Infrastructure	Signals	\$ 750,000.00	\$ -	\$ -	\$ 750,000.00	\$ 750,000.00
DPW Infrastructure Sub-Total:			\$ 11,020,000.00	\$ 10,700,000.00	\$ -	\$ 21,720,000.00	\$ 14,720,000.00

DPW Dam Improvements: This provides needed funding for upcoming dam improvement projects including Patch Reservoir Dam, and other dam projects as required to meet State Dam safety standards.

DPW StreetLight Improvements: This funding provides for the repair and replacement of damaged and failing streetlights as well as the replacement of damaged and knocked down streetlights.

DPW Crow Hill Improvements: This funding continues the environmental remediation project to cap the Crow Hill property at Clarendon St. including material identification, testing, and transportation.

DPW Street Infrastructure: This funding provides for the annual street and sidewalk resurfacing program including investments in Downtown streets and sidewalks, bridge improvements, guardrails, the City's bicycle master plan, and the City share of state funded TIP projects.

DPW Private Street: This funding continues the conversion of private streets to public ways, improving the quality, accessibility, and service to more City streets.

DPW Signals: This funding provides for the ongoing replacement and improvement of traffic signals as well as the continued placement of pedestrian safety signals.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
DPW - Sew	Infrastructure	Sewer Mains/Convey	\$ 8,500,000.00	\$ 11,990,356.00	\$ -	\$ 20,490,356.00	\$ 20,490,356.00
DPW - Sew	Infrastructure	Sewer Stormwater	\$ 8,700,000.00	\$ 4,125,000.00	\$ -	\$ 12,825,000.00	\$ 3,950,000.00
DPW - Sewer Infrastructure Sub-Total:			\$ 17,200,000.00	\$ 16,115,356.00	\$ -	\$ 33,315,356.00	\$ 24,440,356.00

DPW Sewer Sewer Mains/Convey: This funding provides for the continuing improvements to the City’s sewer infrastructure. More than 1/3 of the City’s sewer systems are more than 100 years old. Projects include sewer mains, lateral sewers, Infiltration/Inflow, pump stations, interceptor rehabilitation, and other sewer infrastructure projects.

DPW Sewer Sewer Stormwater: This funding provides for ongoing improvements to the City’s stormwater system including the Combined Sewer Overflow facility, regulatory compliance efforts, stormwater infrastructure, flood control programs, and other critical stormwater projects.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
DPW - Wa	Infrastructure	Water Distribution System	\$ 13,400,000.00	\$ 3,505,000.00	\$ -	\$ 16,905,000.00	\$ 12,470,000.00
DPW - Wa	Infrastructure	Water Land Acquisition	\$ 300,000.00	\$ 50,000.00	\$ -	\$ 350,000.00	\$ 300,000.00
DPW - Water Infrastructure Sub-Total:			\$ 13,700,000.00	\$ 3,555,000.00	\$ -	\$ 17,255,000.00	\$ 12,770,000.00

DPW Water Distribution System: This funding provides for improvements to the City’s Water mains, transmission mains, pump stations, hydrants, leak detection, cross connections, system security, water meters, 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 improve water quality and security of our water resources.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
DPW - Off	Infrastructure	Off Street Garage Lots	\$ 3,000,000.00	\$ 12,000,000.00	\$ -	\$ 15,000,000.00	\$ 15,000,000.00
DPW - Off Street Parking Infrastructure Sub-Total:			\$ 3,000,000.00	\$ 12,000,000.00	\$ -	\$ 15,000,000.00	\$ 15,000,000.00

DPW Off Street Garage Lots: This funding provides for the ongoing rehabilitation of the Pearl/Elm parking garage as well as improvements to other parking garages including stairwell rehabilitation, façade improvements, and security improvements or other needed capital repairs.

Dept.	Category	Project Title	FY19 New Authorization Request	Prior Year Loan Authorized Request	Grant/Donation Funds	FY19 Total Authorization	Est. FY19 Borrowing
Parks	Infrastructure	South Worcester Playground	\$ -	\$ 1,607,000.00	\$ 400,000.00	\$ 2,007,000.00	\$ 1,607,000.00
Parks	Infrastructure	GreenHill Park	\$ 1,250,000.00	\$ 1,150,000.00	\$ 1,000,000.00	\$ 3,400,000.00	\$ 750,000.00
Parks	Infrastructure	Hadwen Park	\$ -	\$ 875,000.00	\$ 300,000.00	\$ 1,175,000.00	\$ 875,000.00
Parks	Infrastructure	Institute Park	\$ 1,000,000.00	\$ 300,000.00	\$ 2,000,000.00	\$ 3,300,000.00	\$ 650,000.00
Parks	Infrastructure	PARC GRANT OPTION	\$ 1,250,000.00	\$ -	\$ 400,000.00	\$ 1,650,000.00	\$ 100,000.00
Parks	Infrastructure	LWCF GRANT OPTION	\$ 1,000,000.00	\$ -	\$ 300,000.00	\$ 1,300,000.00	\$ 100,000.00
Parks	Infrastructure	Open Space & Recreation Plan	\$ 250,000.00	\$ 75,686.83	\$ -	\$ 325,686.83	\$ 75,000.00
Parks	Infrastructure	Elm Park (Newton Hill)	\$ 100,000.00	\$ 45,587.91	\$ -	\$ 145,587.91	\$ 90,000.00
Parks	Infrastructure	Worcester Common Park		\$ 32,734.51	\$ -	\$ 32,734.51	\$ -
Parks	Infrastructure	Parks Security Systems	\$ 100,000.00	\$ -	\$ -	\$ 100,000.00	\$ 100,000.00
Parks	Infrastructure	Hope Cemetery Area Development	\$ 1,000,000.00	\$ -	\$ -	\$ 1,000,000.00	\$ -
Parks	Infrastructure	Hope Cemetery Digitizing Cemetery Re	\$ 250,000.00	\$ -	\$ -	\$ 250,000.00	\$ 250,000.00
Parks	Infrastructure	Hope Cemetery Roadway Repairs	\$ -	\$ 148,000.00	\$ -	\$ 148,000.00	\$ 148,000.00
Parks	Infrastructure	Hope Cemetery Security Upgrades	\$ 250,000.00	\$ -	\$ -	\$ 250,000.00	\$ -
Parks	Infrastructure	Blithewood Park	\$ 500,000.00	\$ 466,782.61	\$ -	\$ 966,782.61	\$ 400,000.00
Parks	Infrastructure	Rectangular Field Farber Field	\$ -	\$ 2,400,000.00	\$ -	\$ 2,400,000.00	\$ -
Parks	Infrastructure	Forestry & Tree Planting	\$ -	\$ 50,543.64	\$ -	\$ 50,543.64	\$ -
Parks	Infrastructure	Bancroft Tower	\$ -	\$ 10,000.00	\$ -	\$ 10,000.00	\$ -
Parks	Infrastructure	Beaver Brook Park	\$ -	\$ 2,650.00	\$ -	\$ 2,650.00	\$ -
Parks	Infrastructure	Bell Hill	\$ -	\$ 5,000.00	\$ -	\$ 5,000.00	\$ -
Parks	Infrastructure	Bennett Field	\$ -	\$ 2,512.42	\$ -	\$ 2,512.42	\$ -
Parks	Infrastructure	Burncoat Street Playground	\$ -	\$ 48,570.83	\$ -	\$ 48,570.83	\$ -
Parks	Infrastructure	Castle Park	\$ -	\$ 177,644.86	\$ -	\$ 177,644.86	\$ -
Parks	Infrastructure	Coes Knfe Park	\$ -	\$ 15,000.00	\$ -	\$ 15,000.00	\$ -
Parks	Infrastructure	Stearns Tavern	\$ -	\$ 297,756.00	\$ -	\$ 297,756.00	\$ 100,000.00
Parks	Infrastructure	Coes Pond	\$ -	\$ 135,492.81	\$ -	\$ 135,492.81	\$ -
Parks	Infrastructure	Cookson Field	\$ -	\$ 13,041.31	\$ -	\$ 13,041.31	\$ -
Parks	Infrastructure	Dog Park	\$ -	\$ 34,100.00	\$ -	\$ 34,100.00	\$ -
Parks	Infrastructure	East Park	\$ -	\$ 2,167.61	\$ -	\$ 2,167.61	\$ -
Parks	Infrastructure	Greenwood Park	\$ -	\$ 6,713.27	\$ -	\$ 6,713.27	\$ -
Parks	Infrastructure	Burncoat Park/Holland Rink	\$ -	\$ 8,324.63	\$ -	\$ 8,324.63	\$ -
Parks	Infrastructure	Indian Hill	\$ -	\$ 87,923.77	\$ -	\$ 87,923.77	\$ -
Parks	Infrastructure	Lake Park	\$ -	\$ 53,170.14	\$ -	\$ 53,170.14	\$ -
Parks	Infrastructure	Logan Field	\$ -	\$ 33,893.39	\$ -	\$ 33,893.39	\$ -
Parks	Infrastructure	Grant Square	\$ -	\$ 10,255.00	\$ -	\$ 10,255.00	\$ -
Parks	Infrastructure	Shore Park	\$ -	\$ 43,040.10	\$ -	\$ 43,040.10	\$ -
Parks	Infrastructure	Ty Cobb	\$ -	\$ 3,528.74	\$ -	\$ 3,528.74	\$ -

Parks	Infrastructure	University Park	\$ -	\$ 161,195.52	\$ -	\$ 161,195.52	\$ -
Parks	Infrastructure	Vernon Hill	\$ -	\$ 1,229.44	\$ -	\$ 1,229.44	\$ -
Parks	Infrastructure	Harrington Way	\$ -	\$ 42,376.97	\$ -	\$ 42,376.97	\$ -
Parks	Infrastructure	Playground Improvement Program	\$ -	\$ 213,695.18	\$ -	\$ 213,695.18	\$ -
Parks	Infrastructure	Golf Improvements	\$ -	\$ 850,000.00	\$ -	\$ 850,000.00	\$ 850,000.00
Parks Infrastructure Sub-Total:			\$ 6,950,000.00	\$ 9,410,617.49	\$ 4,400,000.00	\$ 20,760,617.49	\$ 6,095,000.00

Parks South Worcester Playground: Complete redesign and construction of playground area with state of the art equipment and accessible safety surfacing. New parking lot must be completed before completion of this project. (Awarded FY18 PARC Grant) (Prior Capital FY18) (Includes roll over \$ from FY18).
Parks Green Hill Park: Continued renovations to the WWI Memorial Grove and the moving of the Community Gardens. (Gateway Cities Grant) * (prior Capital FY17).
Parks Hadwen Park: Completes Master Plan and design for LWCF Grant (FY18).
Parks Institute Park: Construction of the walkway at Institute Park and fence install at O'Connell Field (FY18).
Parks PARC Grant Option: Need to decide which Grant to go after.
Parks LWCF Grant Option: Need to decide which Grant to go after.
Parks Open Space & Recreation Plan: Begin required update of the City's Open Space & Recreation Plan.
Parks Elm Park (Newton Hill): Upgrades to the disc golf course at Newton Hill.
Parks Worcester Common Park: Walkway repair, design of the next phase of work & cleaning of the existing blocks.
Parks Security System: Security system upgrades to City parks.
Parks Hope Cemetery Area Development: Design, development of new sections and other improvements, which will be paid for with lot sale fees.
Parks Hope Cemetery Digitizing Cemetery Records: Digitizing cemetery records.
Parks Hope Cemetery Roadway Repairs: Begin roadway repairs (Prior Capital FY18).
Parks Hope Cemetery Security Upgrades: Continue additional security upgrades throughout the cemetery.
Parks Auditorium: Renovations to the sprinkler system.
Parks Blithewood Park: Park renovations.

Equipment	FY19	FY20	FY21	FY22	FY23
Elections	\$ 35,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
Energy & Asset Management	\$ 36,000.00	\$ 25,000.00	\$ 30,000.00	\$ 15,000.00	\$ 20,000.00
DCU	\$ 716,266.00	\$ 169,000.00	\$ 638,000.00	\$ 300,000.00	\$ 400,000.00
Police	\$ 738,936.00	\$ 724,330.00	\$ 760,550.00	\$ 798,570.00	\$ 838,510.00
Fire	\$ 665,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00
Inspectional Services	\$ 74,974.00	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00
Elder Affairs	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
DPW	\$ 750,000.00	\$ 700,000.00	\$ 750,000.00	\$ 750,000.00	\$ 800,000.00
Sewer	\$ 1,180,000.00	\$ 1,200,000.00	\$ 1,000,000.00	\$ 1,250,000.00	\$ 1,100,000.00
Water	\$ 1,583,000.00	\$ 1,200,000.00	\$ 1,300,000.00	\$ 1,250,000.00	\$ 1,300,000.00
Public Schools	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00
Library	\$ 6,500.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
Assessing	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
Technical Services	\$ 439,500.00	\$ 1,178,000.00	\$ 350,000.00	\$ 150,000.00	\$ 150,000.00
Parks	\$ 650,000.00	\$ 650,000.00	\$ 700,000.00	\$ 650,000.00	\$ 700,000.00
Total Equipment	\$ 7,453,176.00	\$ 7,114,330.00	\$ 6,796,550.00	\$ 6,406,570.00	\$ 6,551,510.00
Facility Improvements					
Energy & Asset Management	\$ 5,128,300.00	\$ 6,665,000.00	\$ 2,909,000.00	\$ 2,735,000.00	\$ 550,000.00
DCU	\$ 19,906,617.00	\$ 1,343,200.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 400,000.00
Police	\$ 69,750.00	\$ 559,000.00	\$ 600,000.00	\$ 400,000.00	\$ 300,000.00
Fire	\$ 50,000.00	\$ 75,000.00	\$ 100,000.00	\$ 80,000.00	\$ 100,000.00
DPW	\$ 250,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
Sewer	\$ 675,000.00	\$ 650,000.00	\$ 675,000.00	\$ 700,000.00	\$ 700,000.00
Water	\$ 6,450,000.00	\$ 5,500,000.00	\$ 6,000,000.00	\$ 5,750,000.00	\$ 6,500,000.00
Public Schools	\$ 3,600,000.00	\$ 3,000,000.00	\$ 3,000,000.00	\$ 3,000,000.00	\$ 3,000,000.00
Parks	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00
Total Facility Improvements	\$ 37,129,667.00	\$ 18,992,200.00	\$ 15,484,000.00	\$ 14,865,000.00	\$ 12,750,000.00
Infrastructure					
Economic Development	\$ 884,500.00	\$ 800,000.00	\$ 850,000.00	\$ 850,000.00	\$ 850,000.00
DPW	\$ 14,720,000.00	\$ 15,000,000.00	\$ 14,500,000.00	\$ 15,000,000.00	\$ 15,500,000.00
Sewer	\$ 24,440,356.00	\$ 23,000,000.00	\$ 23,500,000.00	\$ 24,000,000.00	\$ 24,500,000.00
Water	\$ 12,770,000.00	\$ 12,500,000.00	\$ 12,750,000.00	\$ 13,000,000.00	\$ 13,000,000.00
Off Street Parking	\$ 15,000,000.00	\$ 14,750,000.00	\$ 14,500,000.00	\$ 14,750,000.00	\$ 15,000,000.00
Parks	\$ 6,095,000.00	\$ 6,500,000.00	\$ 6,750,000.00	\$ 6,500,000.00	\$ 6,750,000.00
Total Infrastructure	73,909,856.00	72,550,000.00	72,850,000.00	74,100,000.00	75,600,000.00
Total Credit Funding Sources	(87,271,239.00)	(67,156,530.00)	(63,880,550.00)	(64,371,570.00)	(64,401,510.00)
FY19 - FY23 TOTAL:	\$ 31,221,460.00	\$ 31,500,000.00	\$ 31,250,000.00	\$ 31,000,000.00	\$ 30,500,000.00