Watertown City Council

Administration Building
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Watertown, MA 02472
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COMMITTEE OF THE BUDGET AND FISCAL OVERSIGHT MEETING
MONDAY, MARCH 7, 2022 AT 6:00 PM
LOUIS P. ANDREWS UPPER CONFERENCE ROOM
ADMINISTRATION BUILDING
AGENDA

1. Roll Call
2. Call to Order
3. Make Recommendations on the Fiscal Year 2023-2027 Capital Improvement Program
    A. Fiscal Year 2023-2027 Capital Improvement Program
4. Adjournment

cc: Honorable Town Council
Committee Members:
Vincent J. Piccirilli, Chair
Emily Izzo, Vice-Chair
Nicole Gardner, Secretary
Thomas Tracy, Acting City Manager
Steve Magoon, Acting Deputy City Manager
Melissa Morrisey, City Treasurer/Tax Collector

CITY OF
WATERTOWN
Office of the City Manager

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Michael J. Driscoll
City Manager

To: Honorable City Council

From: Michael J. Driscoll, City Manager

Date: January 25, 2022

RE: Fiscal Year 2023-2027 Capital Improvement Program

Pursuant to the provisions of the Watertown Home Rule Charter, the attached City Council Resolution on the Fiscal Year 2023 Budget Process and the City Council Resolution on Watertown's Ongoing Capital Project Budget Guidelines, I herewith present the Proposed Fiscal Year 2023-2027 Capital Improvement Program (CIP).

The Proposed Fiscal Year 2023-2027 General Fund CIP totals $377,277,700, which represents a decrease of $51,054,500 from the Fiscal Year 2022-2026 CIP. The New High School Project totaling $200,000,000 is included as a subcategory in the Fiscal Year 2023-2027 Capital Improvement Program.

The bonding requirement for the Fiscal Year 2023-2027 CIP is $225,852,900 and the Street and Sidewalk bonds of $48,435,800 listed in Fiscal Year 2027 are not included in the bonding requirement.

The funding source of $1,600,000 of the CIP has not been determined. The following are the projects/items with the funding source to be determined (TBD).

• Former North Branch Renovation/Reuse		$ 1,100,000
• Multi-Service Center Renovation		$ 500,000
	TOTAL:	$ 1,600,000

Water and Sewer Enterprise Funds Capital Improvement Program (CIP)
The proposed Fiscal Year 2023-2027 Water and Sewer Enterprise Funds CIP totals $21,400,000 and is attached in this document.

Stormwater Infrastructure Improvements of $36,150,000 are included in the same document with the funding source "to be determined "(TBD) to support design and construction of future projects targeting phosphorus removal to comply with the City's NPDES permit, issued by the EPA. The Permit requires specific phosphorus reduction targets be met over a 20-year timeframe as part of a

Phosphorus Control Plan (PCP). The City continues documenting existing phosphorus removal activities for future credit towards the reduction target. Phosphorus control elements are also included in many capital projects using existing funding sources.

The PCP must be completed by June 30, 2023. Over the next year, the City will continue to develop a Plan and also identify funding needs. As indicated in the Fiscal Year 2016 Budget Message, and in accordance with City Council's Budget Policy Guideline, a determination of how to fund future stormwater infrastructure improvements will be undertaken. Options exist including the creation of a stormwater utility, which could be set up as an Enterprise Fund (as the City of Newton has done); or financing could be established through the General Fund.

The Honorable City Council's Fiscal Year 2022-2026 Capital Improvement Program conceptual recommendations #27, #28, #29, and #30 reads as follows:

- Confirm the previous recommendation to proceed with the FY20 MWRA Sewer Inflow & Infiltration Local Financial Assistance Program for $1,050,000 consisting of a $787,500 grant and a $262,500 interest-free loan order; plus proceed with the FY20 MWRA Local Water System Assistance Program $500,000 interest-free loan order to replace outdated unlined cast iron water mains.

- Proceed with the FY21 MWRA Sewer Inflow & Infiltration Local Financial Assistance Program for $1,050,000 consisting of a $787,500 grant and a $262,500 interest-free loan order; plus proceed with the FY21 MWRA Local Water System Assistance Program $500,000 interest-free loan order to replace outdated unlined cast iron water mains.

- Confirm the prior recommendation to proceed with the FY19 proposed Sewer Enterprise Fund loan order for $270,000 for a Heavy-duty Crane; and the prior recommendation to proceed with the FY19 proposed Water Enterprise Fund loan order for $60,000 for a Utility Truck.

- Concur with the decision to move the following items for proposed FY21 loan orders to FY22:
    - Sewer Enterprise Fund Street Sweeper @ 250,000 (FY21 line 10, FY22 line 9)
    - Water Enterprise Fund Utility Track @ 60,000 (FY21 line 23, FY22 line 21)

Proposed Loan Orders will be brought forward for the items listed in conceptual recommendations #29, and #30.

On May 11, 2021, the Honorable City Council approved a Proposed Loan Order totaling $1,050,000 from the Fiscal Year 2020 CIP utilizing monies from the MWRA Inflow and Infiltration I/I Local Financial Assistance Program which consists of a $787,500 grant (75%) and a $262,500 interest free loan (25%) payable over five years.

On May 11, 2021, the Honorable City Council also approved a proposed interest free Loan Order totaling $500,000 from the Fiscal Year 2020 CIP utilizing monies from the MWRA Local Water System Assistance Program (LWSAP). This program provides funds for replacing outdated unlined cast iron water mains in the City's distribution system which will improve system water quality and increase system pressures and flows.

Lastly, on May 11, 2021, the Honorable City Council approved a proposed interest free Loan Order totaling $600,000 from the Fiscal Year 2020 & 2021 CIP utilizing monies from the MWRA's Local

Water System Assistance Program for Lead Service Line Replacement. This program provides funds to communities for efforts to fully replace lead service lines.

On September 28, 2021, The Honorable City Council approved a proposed Loan Order totaling $1,628,000 for Department of Public Works equipment, of which $250,000 was for a Sewer Enterprise Fund Street Sweeper.

On October 26, 2021, the Honorable City Council approved a proposed Loan Order totaling $4,733,900 in order to move forward with funding of the Water Meter Replacement Program.

In Fiscal Years 2022 and 2023, The Department of Public Works will be undertaking multiple projects throughout the City utilizing previously appropriated capital funds. The various projects are related to the following:

- Inflow and Infiltration Removal
- Sewer and Drain Replacement & Relining
- Water System Improvements
- Water Main Replacements

All of the work to the water, sewer and drain systems directly impacts the Water and Sewer rates. Interest free loans and outright grants will enable the City to perform necessary work with little or minimal impact on the rate payers.

Fiscal Year 2016 Proposed Loan Order

On March 23, 2021, the Honorable City Council adopted thirty-three (33) conceptual recommendations on the Fiscal Year 2022-2026 CIP.

Conceptual recommendation #1 reads as follows:

- Confirm the prior recommendation to proceed with the FY16 proposed loan order for $900,000 for Moxley Park Courts Renovations & Lighting (Design @ 100,000, Construction @ 800,000), subject to the condition that the Recreation Department shall hold community meetings to develop a design proposal and have one or more informational presentations to the City Council, and understanding the project may be postponed for several years pending the decision to use Moxley Field as swing space for the new High School as discussed in the School Building Committee meeting on March 3, 2021.

This project also recognizes the more recent decision of the School Building Committee to locate the temporary High School within the park. This would limit any work in the field on the southern portion of the park where the temporary school will be located, but also heightens the need for the northern portion to be improved to meet the needs of the Middle School, temporary High School, and the surrounding neighborhood.

Given the above, an Informational Presentation on this project was given at the January 11, 2022 City Council Meeting. Upon the conclusion of the Informational Presentation, City Council requested that another neighborhood meeting be held in advance of moving forward with bidding of the project.

A proposed Loan Order will be brought forward for this item subsequent to the neighborhood meeting and the Honorable City Council's adoption of recommendations on the Fiscal Year 2023-2027 Capital Improvement Program.

- Moxley Courts Renovations and Lighting $1,380,000

Fiscal Year 2017 Proposed Loan Orders

The Honorable City Council's conceptual recommendations #2 and #3 on the Fiscal Year 2022-2026 CIP reads as follows:

- Confirm the prior recommendation to proceed with the FY17 proposed loan order for $950,000 for improvements to the Casey Park baseball area (Design @ 100,000, Construction @ 850,000), subject to the condition that the Recreation Department shall hold community meetings to develop a design proposal and have one or more informational presentations to the City Council, with the understanding that the cost estimate is several years old and additional funds may be required for this project.

- Confirm the prior recommendation to proceed with the FY17 loan order for Victory Field Phase 2 for $3,000,000 in accordance with the Final Report of the Ad Hoc Committee on Victory Field Phase 2 dated June 28, 2018 as approved by the City Council on August 14, 2018, subject to the outcome of the High School Feasibility Study, with the understanding that the cost estimate is several years old and additional funds may be required for this project.

The following is a list of items contained in the Fiscal Year 2017 CIP. Proposed Loan Orders will be brought forward subsequent to the Honorable City Council's adoption of conceptual recommendations on the Fiscal Year 2023-2027 CIP.

• Casey Park Improvements	$ 950,000
• Victory Field Improvements (Phase II)	$ 3,000,000
TOTAL:	$ 3,950,000

Fiscal Year 2018 Proposed Loan Orders

The Honorable City Council's conceptual recommendations #4 and #5 on the Fiscal Year 2022-2026 CIP reads as follows:

- Confirm the prior recommendation to proceed with the FY18 proposed loan order or transfer of funds for $385,000 for Administration Building for asphalt roof shingle replacement, painting, and carpet, with the further recommendation to hold off on proceeding until the new Director of Public Buildings is hired.

- Confirm the prior recommendation to proceed with the FY18 proposed loan order or transfer of funds for $325,000 for the Community Path Design from Saltonstall Park to Taylor St, and policy guidance from the Joint Committees on Public Works and Economic Development & Planning.

The following is the list of items contained in the Fiscal Year 2018 CIP. Proposed Loan Orders will be brought forward subsequent to the Honorable City Council's adoption of conceptual recommendations on the Fiscal Year 2023-2027 Capital Improvement Program.

• Administration Building Improvements	$ 385,000
• Community Path Design	$ 325,000
TOTAL:	$ 710,000

Fiscal Year 2019 Proposed Loan Orders

The Honorable City Council's conceptual recommendations #6, #7 and #8 on the Fiscal Year 2022-2026 CIP reads as follows:

- Confirm the prior recommendation to proceed with the FY19 proposed loan order or transfer of funds for $607,000 for Public Works Equipment consisting of:
    - Highway 48,000 GVW Dump Truck @ 243,000
    - Snow & Ice 6 Wheel Combo Body Truck @ 265,000
    - Parks/Forestry Farm Tractor @ 75,000
    - Parks/Forestry Infield Groomer @ 24,000
    - Note: these two items were removed from the proposed loan by the DPW Superintendent:
    - Snow & Ice Front Loader Blower Attachment @ 205,000
    - Highway Skid Steer @ 65,000

- Confirm the prior recommendation to proceed with the FY19 proposed loan order for $300,000 for the Saltonstall Park lighting improvements subject to the condition that the Recreation Department shall hold community meetings to develop a design proposal and have one or more informational presentations to the City Council.

- Confirm the prior recommendation to proceed with the FY19 proposed loan order or transfer of funds for $215,000 for Administration Building Improvements, with the further recommendation to hold off on proceeding until the new Director of Public Buildings is hired, consisting of:
    - Fire Alarm System replacement @ 85,000
    - Air Conditioning and Plumbing upgrades @ 130,000

As a follow-up to the Honorable City Council's adoption of conceptual recommendations on the Fiscal Year 2022-2026 CIP on March 23, 2021, proposed Loan Orders were to be brought forward for these items.

• Public Works Equipment		$ 607,000
• Saltonstall Park Improvements		$ 300,000
• Administration Building Improvements		$ 215,000
	TOTAL:	$ 1,122,000

On September 28, 2021, the Honorable City Council approved a proposed Loan Order totaling $1,628,000 for acquisitions of Department of Public Works equipment, of which $508,000 was for Fiscal Year 2019 CIP items. The other remaining Department of Public Works equipment totaling $99,000 is no longer needed at this time.

The following is a revised list of items contained in the Fiscal Year 2019 CIP. Proposed Loan Orders will be brought forward subsequent to the Honorable City Council's adoption of conceptual recommendations on the Fiscal Year 2023-2027 Capital Improvement Program.

• Saltonstall Park Improvements		$ 300,000
• Administration Building Improvements		$ 215,000
	TOTAL:	$ 515,000

Fiscal Year 2020 Proposed Loan Orders
As a follow-up to the Honorable City Council's adoption of conceptual recommendations on the Fiscal Year 2022-2026 Capital improvement Program on March 23, 2021, the following was a revised list of items contained in the Fiscal Year 2020 CIP. Proposed Loan Orders were to be brought forward for these items.

• Community Path Construction – Taylor to Linear	$ 3,000,000
• Connector Roads/Longer Streets Improvements	$ 1,500,000
• Police Station Improvements	$ 125,600
TOTAL:	$ 4,625,600

On July 13, 2021, the Honorable City Council approved a proposed Loan Order totaling $1,500,000 to fund Connector Roads/Longer Street Improvements at Waverley Avenue between Orchard and Belmont Streets.

The Police Station Improvements was related to exterior painting of the Police Station and was done with previously appropriated monies.

The following is the remaining item contained in the Fiscal Year 2020 CIP. A proposed Loan Order will be brought forward subsequent to the Honorable City Council's adoption of conceptual recommendations on the Fiscal Year 2023-2027 Capital Improvement Program.

• Community Path Construction – Taylor to Linear	$ 3,000,000

Fiscal Year 2021 Proposed Loan Orders
As a follow-up to the Honorable City Council's adoption of conceptual recommendations on the Fiscal Year 2022-2026 Capital Improvement Program on March 23, 2021, the following was a revised list of items contained in the Fiscal Year 2021 CIP. Proposed Loan Orders or Transfer of Funds were to be brought forward for these items.

Three Elementary Schools Project	$39,455,000
Arsenal Park Renovations (Phase B)*	$ 2,700,000
Connector Roads/Longer Streets Improvements	$ 1,500,000
Information Technology	$ 575,000
Filippello Spray Park Renovation	$ 400,000
Skating Arena Improvements	$ 300,000
Public Works Equipment	$ 205,000
Various School Improvements	$ 101,000
Fire Station Improvements	$ 41,600
TOTAL:	$45,277,600

* Developer Mitigation will offset some of the cost

Conceptual recommendations #14, #17, #21 and #24 on the Fiscal Year 2022-2026 Capital Improvement Program reads as follows:

- Proceed with the FY21 proposed loan order for $2,700,000 for renovations of Arsenal Park Phase B, subject to the condition that developer mitigation and proposed I-Cubed funds will offset a portion of the costs, with the understanding that additional funds may be required for this project due to various issues including unforeseen subsurface soil conditions.

- Proceed with the FY21 $575,000 proposed loan order or transfer of funds for Information Technology consisting of:
  •GIS system @ 50,000
  •Replace Phone System @ 175,000
  •Replace & Upgrade Technology @ 270,000
  •Document Management System @ 80,000

- For the "Building for the Future" Three Elementary Schools Project: endorse the revised borrowing plan, within the confines of Proposition 2½, to reflect the accelerated schedule as voted by the School Building Committee on February 16, 2021, will change from this:
  •Planned FY22 loan order of $46,000,000
  •Planned FY23 loan order of $43,478,109
  To this:
  •Second proposed FY21 loan order of $39,455,000
  •Proposed FY22 loan order of $50,023,109

- Confirm the prior recommendation to proceed with the FY21 proposed loan order or transfer of funds for the Middle School design of second floor air-conditioning at $101,000. (note in the FY21 CIP this was listed as third floor, not second floor)

On April 13, 2021, the Honorable City Council approved a transfer of funds totaling $101,000 to move forward with the design of air conditioning for the second floor of the Middle School.

Also, on April 13, 2021, the Honorable City Council approved a transfer of funds totaling $559,100 for the four (4) Information Technology items listed in the above-mentioned conceptual recommendation #17.

On April 14, 2021, the above-mentioned $39,455,000 less $655,000 related to an upcoming transfer of funds of budgeted Fiscal Year 2021 monies for the Three Elementary Schools Project was permanently borrowed. The winning bid on the bonds was an average interest rate of 1.466% for the 20-year General Obligation Bond Issue!

Additionally, a net premium of $4,693,800 was applied to the project costs and thereby lowering the permanent borrowing amount related to the Three Elementary Schools Project to $34,106,200 as outlined below.

$39,455,000	
($ 655,000)	Upcoming Transfer
($4,693,800)	Net Premium
$34,106,200	

The following was a revised list of items contained in the Fiscal Year 2021 CIP. Proposed Loan Orders or Transfer of Funds were to be brought forward for these items.

Arsenal Park Renovations (Phase B)*	$ 4,995,000
Connector Roads/Longer Streets Improvements	$ 1,500,000
Filippello Spray Park Renovation	$ 400,000
Skating Arena Improvements	$ 300,000
Public Works Equipment	$ 205,000
Fire Station Improvements	$ 41,600
TOTAL:	$ 7,441,600

* Developer Mitigation & Proposed I-Cubed Funds will offset some of the cost

An Informational Presentation on Arsenal Park Renovations (Phase B) was given at the January 11, 2022 City Council meeting. Subsequent to that Informational Presentation, on January 19th the Conservation Commission met again on the proposed project and voted to have a new spray park included in the project and agreed that the proposed advance purchase of the play equipment is a prudent course of action. A Proposed Loan Order or Transfer of Funds related to this advance purchase will be brought forward in order to allow the project to remain on schedule for work this summer and this action will also produce substantial cost savings for the project.

As previously stated, on September 28, 2021 the Honorable City Council approved a Proposed Loan Order totaling $1,628,000 for acquisition o Department of Public Works equipment, of which $205,000 was for Fiscal Year 2020 CIP items.

Fire Station Improvements was related to a floor drain repair at the North Fire Station and will be done with previously appropriated monies.

The following is the remaining items contained in the Fiscal Year 2021 CIP. Proposed Loan Orders will be brought forward subsequent to the Honorable City Council's adoption of conceptual recommendations on the Fiscal Year 2023-2027 Capital Improvement Program.

Arsenal Park Renovations (Phase B)*	$ 6,350,000
Connector Roads/Longer Streets Improvements	$ 1,500,000
Filippello Spray Park Renovation	$ 400,000
Skating Arena Improvements	$ 300,000
TOTAL:	$ 8,550,000

* Developer Mitigation will offset some of the cost

Fiscal Year 2022 Proposed Loan Orders

As you recall, the Fiscal Year 2022 Budget Message dated April 27, 2021 stated that Proposed Loan Orders will be brought forward for various Capital items contained in the Fiscal Year 2022 CIP. The acquisition of the proposed items is consistent with one of the Honorable City Council's priorities of not deferring maintenance and/or recognition of costs of capital equipment, facilities and infrastructure to future years. The items that will be included in the Proposed Loan Orders are as follows:

Three Elementary Schools Project	$50,023,100
High School Building Project	$15,000,000
Various School Improvements	$ 3,375,000
Public Safety & Works Radio Infrastructure (Phase 2)	$ 2,376,000
Street & Sidewalk Improvements	$ 2,500,000
Connector Roads/Longer Streets Improvements	$ 1,500,000
Fire Ladder Truck Replacement (Ladder 2)	$ 1,250,000
Public Works Equipment	$ 1,065,000
Information Technology	$ 700,000
Administration Building Improvements	$ 495,000
Sullivan Playground Improvements	$ 425,000
Victory Field House Addition Design	$ 375,000
Underground Duct for Utilities	$ 300,000
Fire Station Improvements	$ 285,000
Skating Arena Improvements	$ 280,000
Library Improvements	$ 185,000

Senior Shuttle Bus		$ 150,000
Electric Ice Resurfacer		$ 150,000
Public Buildings Equipment		$ 67,000
Police Equipment		$ 64,200
	TOTAL:	$80,565,300

On September 28, 2021, the Honorable City Council adopted a Proposed Amendment to the Fiscal Year 2022 Budget related to additional funding of $5,201,221 for the New High School Project.

On September 28, 2021, the Honorable City Council also approved a Loan Order totaling $423,826 in order to forward with the replacement of the City Hall Chiller.

As previously stated, on September 28, 2021 the Honorable City Council also approved a Proposed Loan Order totaling $1,628,000 for acquisition of Department of Public Works equipment, of which $665,000 was for Fiscal Year 2022 CIP items. Two remaining equipment items were moved from Fiscal Year 2022 CIP to Fiscal Year 2023 CIP.

On September 28, 2021, the Honorable City Council also approved a Loan Order totaling $410,000 to pay costs of $110,000 for improvements to Department of Public Works Building Sidewalks and Parking Lots; and $300,000 to replace and/or add underground duct for utilities to roadways.

On October 12, 2021, the Honorable City Council approved a Loan Order totaling $1,250,000 to move forward with the replacement of the 2007 Ladder 2 for the Fire Department.

On November 9, 2021, the Honorable City Council approved a Transfer of Funds totaling $108,484 in order to forward with the purchase of a Senior Shuttle Bus.

On November 23, 2021, the Honorable City Council approved a Loan Order totaling $2,376,000 to pay costs of Phase 2 of the Public Safety – Public Works Radio Infrastructure.

Fire Station Improvements have been moved to Fiscal Year 2023 CIP.

Two items from the Skating Arena Improvements have been done with previously appropriated monies, one item has been moved to Fiscal Year 2024 CIP; and two Fiscal Year 2022 CIP items remain to be done.

The remaining item in Library Improvements has been moved to Fiscal Year 2023 CIP.

The Electric Ice Resurfacer has been moved to Fiscal Year 2023 CIP.

Public Building Equipment is no longer needed at this time.

The following is a revised lists of items contained in the Fiscal Year 2022 CIP. Proposed Loan Orders will be brought forward subsequent to the Honorable City Council's adoption of conceptual recommendations on the Fiscal Year 2023-2027 Capital Improvement Program.

Three Elementary Schools Project	$50,023,100
High School Building Project	$ 9,798,779
Various School Improvements	$ 3,080,000
Street & Sidewalk Improvements	$ 2,500,000

Connector Roads/Longer Streets Improvements		$ 1,500,000
Information Technology		$ 700,000
Sullivan Playground Improvements		$ 425,000
Victory Field House Addition Design		$ 375,000
Skating Arena Improvements		$ 330,000
Police Equipment		$ 64,200
	TOTAL:	$68,796,079

School Capital Projects

The Fiscal Year 2023-2027 CIP includes funding of various school improvements totaling $207,882,000 over the next five fiscal years. The breakdown of these improvements are as follows:

• New High School Project		$200,000,000
• School to be determined (Phillips)		$ 2,525,000
• Bond Remodeling (Middle)		$ 3,492,000
• Tax Revenue (various school buildings)		$ 1,365,000
• Technology (various school buildings)		$ 500,000
	TOTAL:	$207,882,000

The following is the breakdown of the School Capital Projects included in the Fiscal Year 2022 Capital Improvement Program.

• High School Building Project		$ 100,000,000
• Middle School		$ 1,545,000
• Phillips		$ 520,000
• District		$ 150,000
• High School		$ 40,000
	TOTAL:	$ 102,255,000

Building for the Future Initiative – Three Elementary Schools Project

The information in this section has been previously provided and is being included for historical purposes. There are minor updates in the last few paragraphs of this section that are in bold.

On March 13, 2017, the Honorable School Committee approved the award of a contract to Ai3 Architects, LLC to assist with moving forward with the Building for the Future Initiative. Building for the Future is a comprehensive, forward-looking initiative to address learning, operational and capacity improvements for all school facilities.

On July 27, 2017, the Honorable City Council and the Honorable School Committee held a joint meeting in order to have a presentation by Ai3 Architects LLC on their formal recommendations related to the Building for the Future Initiative. The following is an excerpt from the joint meeting minutes:

PROJECT PRIORITY

1. The elementary schools and the high school have top priority and that the middle school is less crowded than any of these schools; therefore, it should be considered for renovation after the high school is completed.
2. The High School, being the single largest project, should continue to seek MSBA funding and that the Statement of Interest (SOI) should list the needs on a priority basis and identify them clearly. The revised SOI should help with obtaining the grant.

3. If the High School were accepted as an MSBA project, their timeline would not allow construction to begin until 2021.
4. If the City were to fund the Elementary School project independently of the MSBA grant program, construction could be completed prior to the High School construction in 2021.

Given the three elementary schools and the high school were identified as high priorities, steps were taken to advance the continued development of both projects simultaneously, with the elementary schools project on a non MSBA path and the high school potentially on a path for MSBA assistance. A timeline was presented whereby the potential Elementary Schools Project estimated at $80 million - $120 million could be completed prior to the beginning of the High School construction. The potential renovation/reconstruction of school facilities was included as a subcategory in the Fiscal Year 2019-2023 Capital Improvement Program and included the following projects:

• 3 Elementary Schools Project	$125,100,000
• High School Project	$158,600,000
	$283,700,000

As indicated during the Fiscal Year 2019 Preliminary Budget Overview Presentation on October 9, 2017 and subsequently formalized in the Honorable City Council's Fiscal Year 2019 Budget Policy Guideline II. A., funding of the Elementary Schools Project is included in the Debt and Interest Forecast and all of this project is to be done within the confines of Proposition 2 ½.
The projected High School Project would be funded with a debt exclusion financing and a grant from the Massachusetts School Building Authority (MSBA) and the breakdown of the projected financing is as follows:

• Debt Exclusion	$ 82,472,000
• MSBA	$ 76,128,000
	$158,600,000

On October 24, 2017, the Honorable City Council approved a transfer of funds totaling $149,996 for Owner's Project Manager Services (OPM) for the evaluation of potential solutions and schematic design phases of the Three Elementary Schools Project.

On December 12, 2017, the Honorable City Council approved a Proposed Loan Order totaling $1,378,599 for the purpose of paying costs of Designer Services for the design, construction, addition to and/or renovation of the three elementary schools.

Given all of the above, it was necessary to move forward with the establishment of a School Building Committee. Thirteen (13) appointments to the Committee were made in March 2018 including the Honorable City Council President Mark Sideris, City Council Vice President Vincent Piccirilli, School Committee Chairman John Portz and School Committee member Lindsay Mosca. The Committee is the representative of the City in all dealings with the architect including but not limited to the following: development and review of conceptual design options and the selection of a preferred design option, preparation of all design, construction, and bidding documents, supervision of public bidding process, award of contract to successful bidder, compliance with the program and time requirements of the City, evaluation of the quality, appropriateness and functional attributes of the architect's solution or proposal, periodic meetings with the architect and builder to assure compliance as the project moves forward, review of all change orders during the construction phase, and all other powers and duties as are necessary and appropriate.

As indicated during the Fiscal Year 2020 Preliminary Budget Overview presentation on October 9, 2018, the City was much closer in moving forward with two initiatives, fully funded retirement system and OPEB Liability funding; and financing of the three Elementary Schools Project within the confines of Proposition 2 ½. Additionally, the Fiscal Year 2019 New Growth was $2.6 million over the original budget and these monies have been earmarked to fund Pension Costs, Other Post-Employment Benefits (OPEB) and the 3 Elementary Schools Project.

On December 11, 2018, the Honorable City Council adopted and ranked the Fiscal Year 2020 Budget Policy Guidelines. The top ranked Fiscal Year 2020 Budget Policy Guideline II.A. reads as follows: Continue to develop Building for the Future Initiative funding in collaboration with the School Building Committee; for the Three Elementary Schools project by formalizing the proposal to use funds redirected from the retirement appropriation when the pension fund is fully funded while also paying down the OPEB liability; and for the MSBA High School project with the proposed debt exclusion funding.

During the Fiscal Year 2020 Preliminary Budget Overview presentation, I indicated the School Building Committee has been working tirelessly to review conceptual design options for the three elementary schools in an effort to ultimately select a preferred design option that is in the best interests of the City, the taxpayers and the successful education of our children.

To that end, the School Building Committee had met twenty (20) times starting on March 14, 2018; and held 3 community forums at each of the elementary schools in November 2018 to receive feedback on the various conceptual design options.

On January 8, 2019, the Honorable City Council approved a modification to the Resolution on the Fiscal Year 2020 Budget Process. The submission date of the Fiscal Year 2020-20204 Capital Improvement Program was moved from January 22nd to January 31, 2019 in order to consider the School Building Committee's actions at their January 23, 2019 meeting.

On January 23, 2019, the School Building Committee adopted the following motions:

Motion 1: That the School Building Committee formally endorses and refers the conceptual and schematic design and cost estimate, as presented tonight (January 23, 2019) to the City Manager for his consideration. (Unanimously voted)

Motion 2: That the School Building Committee authorizes the Chair, along with representatives from Ai3 and Daedalus, to meet with the City Manager to discuss the design and cost of the project as just referred. (Unanimously voted)

The endorsed conceptual and schematic design includes all-new construction of the Hosmer and Cunniff Schools and comprehensive renovations and additions to the Lowell School. The proposed projects create modern, forward-thinking facilities and associated site amenities that meet the educational, neighborhood, energy efficiency, and recreational goals established through a public process of meetings and forums. These projects are part of a long-term vision of providing outstanding education, recreation, and healthy neighborhoods throughout Watertown and will serve the City for many decades. The approximately $170 million cost estimate includes the total project costs representative of the buildings, sitework, furniture, technology, and all associated costs of the completed and occupied facilities.

On January 31, 2019, I respectfully recommended moving forward with the School Building Committee's endorsed conceptual and schematic design. Funding of $170,000,000 for the Three Elementary Schools Project was included in the Proposed Fiscal Year 2020-2024 Capital Improvement Program and all of this project is to be done within the confines of Proposition 2 ½.

The Honorable City Council's Fiscal Year 2020-2024 Capital Improvement Program conceptual recommendation #18 reads as follows:

- Concur with the decision to proceed with the "Building for the Future" initiative of $170,000,000 for the Three Elementary Schools Project funding within the confines of Proposition 2½, and not proceed with the $5,304,000 for renovation projects for the Cunniff, Hosmer, and Lowell schools shown in the FY2020-2024 CIP as NB (included in New Building) or RB (included in Renovated Building).

As a follow up to that conceptual recommendation and in accordance with the Honorable City Council's Fiscal Year 2020 Budget Policy Guideline II.A, the following was the timeline for borrowing $170,000,000 for the Three Elementary Schools Project as outlined in the Fiscal Year 2020 Budget Message dated April 23, 2019:

Fiscal Year 2020	$ 35,000,000
Fiscal Year 2021	$ 45,000,000
Fiscal Year 2022	$ 45,000,000
Fiscal Year 2023	$ 45,000,000
	$170,000,000

The School Building Committee working with Ai3 Architects LLC has completed the following phases related to the Three Elementary Schools Project:

- Schematic Design Phase
- Design Development Phase
- Construction Document Phase
- Construction Contractor Bidding

After significant discussions with the School Committee, School Building Committee and City Council, the City leased Saint Jude School, Waltham beginning on July 1, 2020 through June 30, 2023 for swing space for the Three Elementary Schools Project. This decision will allow the Cunniff and Lowell Schools to be completed two years earlier than originally projected!

The Cunniff and Hosmer Schools were bid as a single collective package in order to receive the most competitive pricing and to ensure the two schools will receive the same building systems and materials; and allow for management of a single contractor for these two projects.

On June 9, 2020 the Honorable City Council unanimously approved a Proposed Loan Order totaling $103,455,000 to pay costs of constructing a new Hosmer and Cunniff Elementary Schools.

During Summer 2020, the Hosmer PK-5 School was consolidated into the "Z-shaped" building. The Hosmer Preschool Program (5 classrooms) moved to the Phillips Building,

which necessitated the Facilities Department relocating to another property in Watertown that will be rented during the construction of the Three Elementary Schools Project.

Construction began at the Cunniff and Hosmer during Summer 2020 and the Cunniff School was completed in October 2021; and the Hosmer School will be completed next month.

Construction is anticipated to begin at the Lowell School in March 2022 and completion is anticipated by end of Summer 2023. The current Lowell Elementary School will vacate during the February 2022 school vacation and relocate between the Philips Building and the City leased Saint Jude School property, located in Waltham. Lowell School is planned as a complete renovation and an addition to enlarge and bring the existing school to meet the educational program needs and preserve equity among the three elementary schools within the district.

Given the leasing of Saint Jude's and the acceleration of the Cunniff and Lowell Schools Project with completion dates two years earlier than originally projected, the following is the timeline for borrowing $170,000,000 for the Three Elementary Schools Project:

Fiscal Year 2020	**$ 16,521,891**
Fiscal Year 2021	**$103,455,000**
Fiscal Year 2022	**$ 50,023,109**
	$170,000,000

As stated many times in the past couple of years, as a result of the aggressive funding of the Retirement System, financing of the $170,000,000 for the Three Elementary Schools Project will be done within the confines of Proposition 2½.

Massachusetts School Building Authority Core Program - High School
The information in this section has been previously provided and is being included for historical purposes with updated information at the end of this section that are in bold.

On March 28, 2017, the Honorable City Council approved the submission of a Core Program Statement of Interest to the Massachusetts School Building Authority (MSBA). As indicated on the MSBA website, the Core Program is primarily for projects beyond the scope of the Accelerated Repair Program, including extensive repairs, renovations, addition/renovations, and new school construction. The Core Program in question is the High School and this was the fourth year of submission of a Statement of Interest.

On December 13, 2017, the MSBA Board of Directors voted to invite the Statement of Interest (the "SOI") for the High School into the MSBA's Eligibility Period. The 270-day Eligibility Period formalizes and streamlines the beginning of the MSBA's grant approval process and benefits the City by providing a definitive schedule for the completion of preliminary requirements, assisting with the determination of financial and community readiness, and identifying needs for planning and budgeting. Successful completion of all activities in the Eligibility Period will allow the City to be eligible for an MSBA invitation to Feasibility Study. Invitation into the Eligibility Period is not an invitation to Feasibility Study. Moving forward in the MSBA's process requires collaboration with the MSBA, and an invitation to Feasibility Study will require a further vote of the MSBA Board of Directors. To qualify for any funding from the MSBA, local communities must follow the MSBA's statute and regulations, which require MSBA partnership and approval at each step of the process. The City's Eligibility Period commenced on April 2nd and concluded on December 28, 2018.

On March 15, 2018, the Honorable City Council adopted twenty-seven (27) conceptual recommendations on the Fiscal Year 2019-2023 CIP.

Conceptual recommendation #22 reads as follows:

- That the Administration continue to develop financially prudent financing for the "Building for the Future" initiative for funding of the 3 Elementary School Project within the confines of Proposition 2½; and the proposed debt-exclusion funding of the MSBA High School Project.

On October 3, 2018, the School Building Committee unanimously approved a motion to request the City Manager move forward with funding of $1,600,000 for the Feasibility Study and Schematic Design Phase for the Watertown High School Project.

On November 13, 2018, the Honorable City Council approved a Proposed Loan Order totaling $1,600,000 as a follow-up to the School Building Committee's request and in accordance with the above-mentioned conceptual recommendation.

On December 12, 2018, the Massachusetts School Building Authority (MSBA) voted to invite the City to partner with the MSBA in conducting a Feasibility Study for the Watertown High School.

During the Feasibility Study phase, the City and the MSBA will partner pursuant to the terms of the Feasibility Study Agreement to find the most fiscally responsible and educationally appropriate solution to the problems identified at the Watertown High School. The Feasibility Study, which will be conducted pursuant to the MSBA's regulations and policies, requires the City to work with the MSBA on the procurement of an Owner's Project Manager and Designer, which will help bring the City's Feasibility Study to fruition.

Subsequent to the submission of the Fiscal Year 2020-2024 Capital Improvement Program on January 31, 2019, on March 12th the Honorable City Council adopted 29 conceptual recommendations including #19 which reads as follows:

- Concur with the decision to proceed with the "Building for the Future" initiative using proposed debt-exclusion funding of the MSBA High School Project for $157,000,000, and not proceed with the $14,177,000 for renovation projects for the high school shown in the FY2020-2024 CIP as STBD (School to Be Determined).

On May 8, 2019, the MSBA approved the City's selection of Compass Project Management as the Owner's Project Manager (OPM) for the High School Project. Subsequently, a contract totaling $343,926 was executed for these OPM services.

On September 17, 2019, the MSBA Designer Selection Panel (DSP) voted Ai3 Architects LLC as the first-ranked firm for designer services for the High School Project. The DSP determined that Ai3 Architects LLC possesses the requisite skills and experience for this project, particularly in light of their extensive experience in the design and construction of schools in Massachusetts. The DSP indicated the City should take the appropriate local steps necessary to award the contract for designer services. Subsequently, a contract totaling $1,131,900 was executed.

The School Building Committee working with Ai3 Architects LLC has been working on the MSBA "Feasibility and Schematic" process which is broken down into three phases:

1. Preliminary Design Program
2. Preferred Schematic Study & Report
3. Schematic Design

The Preliminary Design Program documentation was submitted to the MSBA in February 2020 for their approval to proceed to the next step, Preferred Schematic Study and Report.

Following a 2-month pause in the project due to COVID-19, the Project Team and School Building Committee reconvened regular meetings in May of 2020 and continued development of a total of (5) options and (13) schemes. These schemes explored projects ranging from just upgrading the existing school to current codes (required by MSBA), phased addition/renovation options of the existing high school, phased new construction just on the high school site, phased new construction using the both the Phillip's site and the high school site, and lastly phased new construction using Victory Field. These options/schemes were presented to the School Building Committee over a total of (9) virtual SBC meetings, as well as presented to the Community on (3) virtual Community Forums.

On December 2, 2020, the School Building Committee unanimously voted to proceed with the Preferred Option 3D-4 of phased new construction using both the Phillips and existing high school site, and authorized Ai3 and Compass Project Management to submit the Preferred Schematic Study and Report (PSR) to the Massachusetts School Building Authority (MSBA) on December 29, 2020.

On January 13, 2021, the Project Team and members of the School Building Committee were advised by the MSBA's Facilities Assessment Subcommittee (FAS) to revisit their two-site preferred option 3D-4 with the goals of eliminating the inclusion of other public programs (COA, District Administration, and Public Buildings) by getting back to a one-site option, and to work to reduce the overall size and cost of the project.

The School Building Committee has been working tirelessly to review conceptual design options for the new High School in an effort to ultimately select a preferred design option that is in the best interests of the Town, the taxpayers and the successful education of our children.

Since January, Ai3 and Compass have studied an additional (5) options and (15) locations to temporarily locate a modular high school. On March 17, 2021 the School Building Committee unanimously voted to support Option 1H, a 4-story new building constructed on the existing high school site only in a single phase with the use of temporary modular high school on another site. The project team is currently continuing to review locations for this temporary modular high school and meeting with the Community. Options for both the high school and swing space have been presented since January over (6) virtual SBC meetings, and (2) virtual Community Meetings. The Project Team and the SBC plan to submit the new Preferred Schematic Report (PSR) to the MSBA on July 7, 2021 in anticipation of approval at the August 2021 Board Meeting. The PSR submission will complete the Feasibility Study Phase for the Watertown High School project, after which the project will proceed into Schematic Design.

As you recall, on May 11, 2021 the Honorable Town Council adopted a Proposed Amendment to the Proposed Fiscal Year 2021 Budget. One of the items included in the Proposed Amendment was the establishment of a New High School Stabilization Fund; and an initial appropriation of $2,500,000 thereto.

Furthermore, as indicated on page 28 of the Fiscal Year 2022 Budget Message and in the Expenditure Forecast, a Transfer to the New High School Stabilization Fund is projected at $3,000,000 annually beginning in Fiscal Year 2022 through Fiscal Year 2025.

On July 13, 2021, in an effort to continue addressing Fiscal Year 2022 Budget Policy Guideline II.A., the Honorable Town Council appropriated $500,000 to the New High School Stabilization Fund.

On August 25, 2021 the Board of the Massachusetts School Building Authority (the "MSBA") voted to approve the Town, as part of its invitation for Feasibility Study, to proceed into Schematic Design to replace the existing Watertown High School with a new facility serving grades 9-12 on the existing site (the "proposed project"). The Board also approved the Executive Director be authorized to extend the termination date of the Feasibility Study Agreement from December 12, 2021, to February 28, 2022. Also stated in the August 25th correspondence from John K. McCarthy, Executive Director, MSBA is the following: "It is my understanding that the Town anticipates seeking community approval for this proposed project in February-March of 2022. Therefore, it is critical that the Town, in conjunction with its Owner's Project Manager and Designer, submit a schedule to the MSBA as soon as possible, which should include: the work plan to complete all the required documentation for presentation to the MSBA's Board of Directors at a future Board meeting; the date of the Town Meeting(s) at which the proposed project will be considered; and the anticipated design and construction schedule."

Additionally, as stated in an August 25th email correspondence from Dr. Galdston, Superintendent of Schools is the following: "At this time, the design team, the OPM, and the School Building Committee will prepare for the next big milestone, the Board approval of participation in our project. Over the coming months, the District and MSBA will establish and document the project scope, budget, schedule, and MSBA financial participation. This is forwarded to the MSBA Board of Directors for their approval. Our intention is to be ready for the February 2022 board meeting to obtain their approval to participate in the grant project."

As a follow-up, Mark S. Sideris, Chair of the School Building Committee and Honorable Town Council President forwarded a September 8th email correspondence informing that on September 1, 2021 the School Building Committee unanimously approved a motion to request that the Town Manager move forward with additional funding of two items for the New High School Project. As stated in Mr. Sideris' correspondence, "the first item of $1,115,399 is for the additional time and additional work needed to redesign the project into one building, which was a requested by the MSBA. The second item of $1,092,541 and $2,993,281 is considered bridge funding so we can continue to work on the other projects that need to take place to support the plans for the new High School. This is funding that would be included in the overall budget and we thought it was important to keep working so we can try to stay on schedule."

As a follow-up to the above and as previously stated, on September 28, 2021 the Honorable City Council adopted a Proposed Amendment to the Fiscal Year 2022 Budget related to additional funding of $5,201,221 for the New High School Project.

During all of the School Building Committee's tireless efforts, we have been working on how best to proceed with the financing of the new High School. I am pleased to inform that a plan was finalized and presented at the October's Fiscal Year 2023 Preliminary Budget Overview whereby financing of the new High School Project with MSBA funding included will be done within the confines of Proposition 2½; and all of this to be done without the need to request debt exclusion financing from the taxpayers of Watertown.

On December 17, 2021, the High School Project Team of Ai3 Architects and Compass Project Management submitted on behalf of the City of Watertown the Schematic Design Report to the MSBA. This report includes Schematic Design level plans and specifications for the new high school, all due diligence reports completed, cost estimates, a project schedule, Swing Space project information and cost estimates, and a proposed Total Project Budget of $198,844,252 (not inclusive of the Feasibility Study/Schematic Design costs of $2,617,421).

The MSBA issued their formal comments on the Schematic Design Report submission on January 24, 2022. The Project Team has 14 calendar days to respond.

In the meantime, the Project Scope & Budget / Transition Meeting has been scheduled with the MSBA for this Friday January 28, 2022. Honorable City Council President Sideris, and Superintendent Dr. Galdston will attend this meeting with Ai3 Architects and Compass Project Management. This meeting offers the MSBA, Watertown representatives, and its Designer and OPM an opportunity to review particular aspects of the Schematic Design submittal, specifically related to eligible items for reimbursement within the Total Project Budget.

This meeting also offers the opportunity for introductions between the District and the MSBA's Construction Administration team. The MSBA Construction Administration team will outline key details for collaboration during the Design Development and Construction phases of the Watertown High School project.

Assuming all of the above meetings and information exchanges go as expected, the MSBA Board will consider approval of the Watertown High School Project on March 2, 2022. This approval will be impetus for the execution of the Project Funding Agreement, which will be the guiding document for the duration of the Project.

The Honorable City Council's Fiscal Year 2023 Budget Policy Guideline II.A. reads as follows:

- **Continue support for Building for the Future Initiative funding in collaboration with the School Building Committee, for the Three Elementary Schools project, and for the MSBA High School project, without debt exclusion funding.**

As a follow-up to that Budget Policy Guideline, $200,000,000 has been included in the Fiscal Year 2023-2027 Capital Improvement Program for the New High School Project.

Phillips School/Senior Center Master Plan/Feasibility Study

The Honorable City Council's conceptual recommendation #23 on the Fiscal Year 2022-2026 Capital Improvement Program reads as follows: In consideration of the proposed one-site design for the High School Project presented at the March 3, 2021 School Building Committee, which removed all non-academic functions from the project including the proposed new Senior Center, new School

Administration offices, and new Department of Public Buildings facility, proceed with a Master Plan/Feasibility Study for the Phillips School/Senior Center site, to identify future Capital Improvement Program funding.

Given that conceptual recommendation, on May 11, 2021 the Honorable City Council approved a Proposed Amendment to the Fiscal Year 2021 Budget which included monies to move forward with a Master Plan/Feasibility Study of the Phillips School/Senior Center site to identify future Capital Improvement Program funding.

The Master Plan/Feasibility Study will be presented to the community in the near future and consideration will be given on how best to proceed.

Street and Sidewalk Improvements
Street and sidewalk maintenance is one of the top priorities in the Honorable City Council's Fiscal Years 2009 through 2023 Budget Policy Guidelines. Within the Fiscal Year 2023-2027 CIP, $114,085,800 is designated for street and sidewalk improvements. The Fiscal Year 2022 General Fund Budget includes $1,170,400 to augment projected Chapter 90 monies. Beginning in Fiscal Year 1999 and including Fiscal Year 2022, the Honorable City Council has approved $17,440,244 for the Street and Sidewalk Improvements appropriation, an average of $726,677 for each of the twenty-four fiscal years.

Beginning in Fiscal Year 2013 and continuing through Fiscal Year 2017, the Honorable City Council authorized four (4) Loan Orders totaling $13,100,000 to fund Street and Sidewalk Improvements.

On September 26, 2017, the Honorable City Council approved a Proposed Loan Order totaling $975,000 to fund Street and Sidewalk Improvements related to the Common Street Project (Mt. Auburn to Orchard Street).

On June 5, 2018, the Honorable City Council approved a Proposed Loan Order totaling $2,500,000 to fund street and sidewalk improvements contained in the Fiscal Year 2018 CIP.

On September 10, 2019, the Honorable City Council approved a Proposed Loan Order totaling $2,500,000 to fund street and sidewalk improvements contained in the Fiscal Year 2019 CIP.

On February 25, 2020, the Honorable City Council approved a Proposed Loan Order totaling $2,500,000 to fund street and sidewalk improvements contained in the Fiscal Year 2020 CIP.

On February 23, 2021, the Honorable City Council approved a Proposed Loan Order totaling $2,500,000 to fund street and sidewalk improvements contained in the Fiscal Year 2021 CIP.

As previously stated, on July 13, 2021 the Honorable City Council approved a Loan Order totaling $1,500,000 to fund connector roads/longer streets improvements at Waverly Avenue between Orchard and Belmont Streets.

On November 23, 2021, the Honorable City Council approved a list of streets to be included in the Fiscal Year 2022 Road Program. A Proposed Loan Order totaling $2,500,000 will be brought forward in the next couple of months to fund these Streets and Sidewalk Improvements.

As a follow-up to an adopted conceptual recommendation on the Fiscal Year 2019-2023, Fiscal Year 2020-2024, Fiscal Year 2021-2025; and Fiscal Year 2022-2026 Capital Improvement Programs, a Proposed Loan Order for $325,000 will be brought forward for the Community Path design from

Saltonstall Park to Taylor Street, subject to policy guidance from City Council's Public Works Committee. Subsequent to this design, $3,000,000 is included in the Fiscal Year 2020 CIP for construction of the Community Path.

In accordance with an Action Item adopted by the Honorable City Council at their January 8, 2019 City Council Meeting, future Loan Orders for "connector roads and longer streets" have been included in the Proposed Fiscal Year 2023-2027 Capital Improvement Program.

In accordance with an Action Item adopted by the Honorable City Council at their November 23, 2021 City Council Meeting, future Loan Order amounts for Street and Sidewalk Improvements; and connector roads and longer streets improvements have been increased beginning in Fiscal Year 2024 to accelerate road & sidewalk repairs and to accommodate price escalations and required Stormwater Improvements.

Conceptual recommendation #31 on the Fiscal Year 2022-2026 Capital Improvement Program related to the Mount Auburn Street Project totaling $21,000,000 reads as follows:

- Concur with the recommendation to move the Mt Auburn Street reconstruction from FY22 to FY23 based on MassDOT feedback (CIP line 296), with the understanding that additional local funds may be required for this project for items not included in the TIP funding.

Five future Loan Orders for Street and Sidewalk Improvements totaling $25,200,000 are included in the Proposed Fiscal Year 2023-2027 CIP. The following is the schedule of Proposed Loan Orders for Street and Sidewalk Improvements:

Fiscal Year 2023	$ 6,600,000
Fiscal Year 2024	$ 4,500,000
Fiscal Year 2025	$ 4,400,000
Fiscal Year 2026	$ 4,900,000
Fiscal Year 2027	$ 4,800,000
TOTAL:	$25,200,000

In summary, beginning in Fiscal Year 2013 and continuing through Fiscal Year 2027, the Honorable City Council has or is planning on authorizing loan orders for Street and Sidewalk Improvements totaling $59,900,000 over the fifteen fiscal years, all within the confines of Proposition 2 ½.

Capital Projects Stabilization Fund

As you recall and as stated in the Fiscal Year 2019 Budget Message dated May 1, 2018, the original North East Solid Waste Committee Agreement (NESWC) expired in September 2005 and the City has executed three Post 2005 Agreements through Fiscal Year 2020. As a result of these actions and the foresight the City had in funding the significant costs of the NESWC Agreement, transfers of $500,000 annually from the Capital Projects Stabilization Fund began in Fiscal Year 2006 and will continue through Fiscal Year 2020.

In order to continue the annual transfer of $500,000 beyond Fiscal Year 2020, we looked for opportunities to make transfers to this Stabilization Fund in an effort to support Capital Projects.

On July 10, 2018, the Honorable City Council appropriated $500,000 to this Stabilization Fund in order to continue the annual transfer of $500,000 through Fiscal Year 2021.

On October 23, 2018, the Honorable City Council approved a Proposed Amendment to the Fiscal Year 2019 Budget that included an appropriation of $500,000 to this stabilization fund in order to continue the annual transfer of $500,000 through Fiscal Year 2022.

On June 25, 2019, the Honorable City Council appropriated $500,000 to this Stabilization Fund in order to continue the annual transfer of $500,000 through Fiscal Year 2023.

On November 12, 2019, the Honorable City Council approved a Proposed Amendment to the Fiscal Year 2020 Budget that included an appropriation of $500,000 to this stabilization fund in order to continue the annual transfer of $500,000 through Fiscal Year 2024.

On July 14, 2020, the Honorable City Council appropriated $500,000 to this Stabilization Fund in order to continue the annual transfer of $500,000 through Fiscal Year 2025.

On June 22, 2021, the Honorable City Council appropriated $500,000 to this Stabilization Fund in order to continue the annual transfer of $500,000 through Fiscal Year 2026.

In order to continue the annual transfer beyond Fiscal Year 2026, we will look for opportunities to make transfers to this Stabilization Fund in an effort to support capital projects.

CLOSING

In addition to all of the above-mentioned Capital Projects, I respectfully recommend discussion continue in accordance with the Honorable City Council's conceptual recommendation #32 on the Fiscal Year 2022-2026 CIP which reads as follows:

32. Concur with the City Manager's recommendation for the City Council to continue discussion on the following items:
- Reuse of City Buildings (Former North Branch Library & Former Police Station)
- Record Storage Management & related issues
- Department of Public Works Staging Areas
- Acquisition of Land for open Space and/or Recreation use

I respectfully recommend discussions also continue with the Honorable City Council regarding integrating additional improvements in Fiscal Years 2023-2027 including but not limited to the building of a new High School, and at the same time, looking to identify how best to fund these improvements.

The Acting City Manager and City Department Heads look forward to working with the Honorable City Council in their adoption of conceptual recommendations on the Fiscal Year 2023-2027 Capital Improvement Program.

cc: Honorable School Committee
Honorable Library Board of Trustees
School Building Committee
All Department Heads

Watertown Town Council

Administration Building
149 Main Street
Watertown, MA 02472
Phone: 617-972-6470

RESOLUTION #64 **2021 – R – 64**

RESOLUTION ON THE FISCAL YEAR 2023 BUDGET PROCESS

WHEREAS: Article 5 of the Watertown Home Rule Charter sets out a process for the development and adoption of the annual operating budget and capital improvement program; and

WHEREAS: The Town Council wishes to establish a timeline, consistent with the Charter, by which it will provided policy guidance to the Town Manager on the development of the budget and capital improvement program; and

WHEREAS: Such a timeline will also give town residents notice of their opportunity to offer input on these important financial matters;

NOW THEREFORE BE IT RESOLVED: That the Town Council of the City known as the Town of Watertown establishes the following timeline for the development of the Fiscal Year 2023 operating budget and capital improvement program:

1. The Fiscal Year 2023 Preliminary Budget Overview will be presented to the Town Council by October 12, 2021.
2. The Town Council will adopt its Fiscal Year 2023 Budget Policy Guidelines by November 23, 2021.
3. The proposed Fiscal Year 2023-2027 Capital Improvement Program will be presented to the Town Council by January 25, 2022.
4. The Town Council will adopt its conceptual recommendations on the Fiscal Year 2023-2027 Capital Improvement Program by March 8, 2022 subject to the availability of funds.

Lisa Feltner
Council Member

I hereby certify that at a regular meeting of the Town Council for which a quorum was present, the above Resolution was adopted by a vote of 7 for, 0 against, and 0 present on September 14, 2021.

Marilyn W. Pronovost
Marilyn W. Pronovost, Council Clerk

Mark S. Sideris, Council President

Watertown Town Council
Administration Building
149 Main Street
Watertown, MA 02472
Phone: 617-972-6470

Resolution# 2013- 76

Resolution: Watertown's Ongoing Capital Project Budget Guidelines

WHEREAS the Town Council adopts budget policy guidelines each year pursuant to Section 5-1 of the Watertown Home Rule Charter, so that the Town Manager can develop budgetary goals and the Town budget for the next fiscal year, and

WHEREAS in the Fiscal Year 2014 budget policy guidelines, Attachment A "ADDITIONAL RECOMMENDATIONS ON CAPITAL PROJECTS" was included to use the Town's capital project funds in the most efficient manner, and to improve the efficiency and transparency of the Capital Improvement Program (CIP) process, and

WHEREAS these recommendations have become standard operating procedure for the Town of Watertown, and do not need to be revised each year.

NOW THEREFORE BE IT RESOLVED that the Town Council of the City known as the Town of Watertown hereby establishes the following recommendations on capital projects as permanent budget policy guidance, to be followed annually:

1. Status of existing capital funds and projects: As part of the January CIP submission by the Town Manager, include from each department, a listing of all existing unspent capital funds (including Chapter 90, developer mitigation, grant funds, etc.) and a status on each project or acquisition, including how and when remaining funds will be spent, effective November 30th.

a. Include project funds appropriated by the Town Council to the School Department.
b. Include Water/Sewer Enterprise Fund reporting of capital projects & funds as a new section of the CIP separate from the General Fund.

2. Details on new projects: As part of the January CIP submission by the Town Manager, provide details for all items in the CIP that have been previously shown as annual lump sums in a single line.

a. Include the School Department's "various school improvements".
b. Include "highway reconstruction" and "sidewalk reconstruction", with a forecast of streets to be done each year.
c. Include Water/Sewer Enterprise Fund capital projects as a new section of the CIP separate from the General Fund, with a forecast of streets to be done each year.

d. Include transportation or water/sewer and stormwater projects which have or will be proposed in the future, with no funding source yet identified.

3. Coordination Issues Related to Public Works projects: The increasing volume and complexity of public works projects requires a rethinking of how the Town does its planning to maximize the use of capital funds and departmental resources, as well as providing information to the public in a timely, readily accessible fashion.

a. To this end, the CIP needs to have a five-year forecast of what water/sewer/stormwater, road reconstruction, and sidewalk reconstruction are planned, by specific street, which will:

i. Insure that work is sequenced to obtain the maximum life from road and sidewalk reconstruction without major water/sewer work compromising their integrity.

ii. Allow utility companies adequate time to plan underground service replacements prior to road and sidewalk reconstruction, to avoid compromising their integrity.

iii. Allow time for the Zoning Enforcement Office to notify property owners of non-conforming driveways, while giving the owners adequate time to seek a variance.

iv. Allow developers time to plan their projects in coordination with the Town, and avoid digging up newly installed roads and sidewalks.

v. Allow abutting homeowners, who may want to pay for granite curbs on streets scheduled for asphalt curbs, time to arrange contracting and payment.

vi. Allow time for the Tree Warden to notify abutters who may want a street tree in front of their property, to allow for the placement of a tree pit prior to the installation of a new sidewalk.

vii. Provide more transparency to citizens on public works projects and spending.

viii. Allow the Public Works Committee or other appropriate committee adequate time to review the proposed work and provide policy guidance on the above as it relates to Watertown's goals.

b. Issues of coordination and timing need to be improved to insure the most efficient use of funds, and bonding of annual street construction projects should be coordinated with bidding such that contractors can begin by April and be completed by November.

c. The Public Works Department should address, on an ongoing basis:

i. Assure adequate supervisory capacity to eliminate decision bottlenecks and improve timeliness of responses for construction work.

ii. Notification to the public of what construction is happening and where and when it will occur must be improved, and should be available on the website and updated regularly.

iii. Improve completion of punch list items on projects needs to be improved, including painting of roadway markings, installation of traffic signs, removal of temporary construction signs, cleanup of construction debris, etc.

4. Protection of investments: With millions of dollars being spent each year in Watertown on street and sidewalk construction, the administration should take a more aggressive

role to protect the value of these investments to insure that maximum life is obtained from the new surfaces.

BE IT FURTHER RESOLVED that this resolution shall be incorporated by reference into the annual budget policy guidelines that are adopted each year.

Council Member

I hereby certify that at a regular meeting of the Town Council for which a quorum was present, the above Resolution was adopted by unanimous voice vote on December 9, 2013.

Valerie Papas, Council Clerk

Mark S. Sideris, Council President

FY 2023 - FY 2027 CIP General Fund

	B	C	D	E	F	G	H	I	J	K	L	M
1		TOTALS	FY '23		FY '24		FY '25		FY '26		FY '27	
2	ADMINISTRATION											
3	Administration Building Improvements/Renovations	125.0	25.0	TR	25.0	TR	25.0	TR	25.0	TR	25.0	TR
4	Design New Bldg @ Former Police Facility	1,000.0	1,000.0	BR								
5	Build New Bldg @ Former Police Facility	7,000.0			7,000.0	BR						
6	Multi-Service Center Renovation	500.0	500.0	TBD								
7	Renovation/Reuse former North Branch	1,100.0	1,100.0	TBD								
8	Replace Carpets	165.0	45.0	TR	45.0	TR	75.0	TR				
9	Paint Hallway/Offices	150.0	50.0	TR	50.0	TR	50.0	TR				
10	Masonry & Metal Repairs by door entrances	540.0	40.0	BR	500.0	BR						
11	replace HVAC HAU-1 above council chambers	770.0	120.0	BR	650.0	BR						
12	Ligthing Fixtures & Accessibility Issues	637.0	60.0	BR	577.0	BR						
13	Roof Shingle Replacement/Roof Refurbishment	245.0	45.0	BR	200.0	BR						
14	Add EV Stations	180.0			90.0	BR	90.0	BR				
15	Replace Fan Coil Units & Air Handling Unit Ventilators	1,100.0					1,100.0	BR				
16	Upgrade Fire Alarm System	120.0					20.0	BR	100.0	BR		
17	Upgrade Fire Protection System	590.0					90.0	BR	500.0	BR		
18	Upgrade Lighting	300.0							300.0	BR		
19	ADMINISTRATION SUBTOTAL	14,522.0	2,985.0		9,137.0		1,450.0		925.0		25.0	
20												
21	COMMUNITY DEVELOPMENT											
22	Monument Restoration & Replacement	75.0	15.0	TR	15.0	TR	15.0	TR	15.0	TR	15.0	TR
23	Public Art	75.0	15.0	TR	15.0	TR	15.0	TR	15.0	TR	15.0	TR
24	Commander's Mansion	150.0	30.0	TR	30.0	TR	30.0	TR	30.0	TR	30.0	TR
25	COMMUNITY DEVELOPMENT SUBTOTAL	300.0	60.0		60.0		60.0		60.0		60.0	
26												
27	INFORMATION TECHNOLOGY											
28	Additional Equipment	50.0	10.0	TR	10.0	TR	10.0	TR	10.0	TR	10.0	TR
29	Replacement of Equipment	575.0	115.0	TR	115.0	TR	115.0	TR	115.0	TR	115.0	TR
30	IT Infrastructure Improvements	1,500.0	300.0	BE	300.0	BE	300.0	BE	300.0	BE	300.0	BE
31	Permitting and Transparency Dashboards	200.0	100.0	BE	100.0	BE						
32	Video Security and Access Control	500.0	100.0	BE	100.0	BE	100.0	BE	100.0	BE	100.0	BE
33	Fiber Loop Build-out and Cabling	500.0	100.0	BE	100.0	BE	100.0	BE	100.0	BE	100.0	BE
34	Document Scanning	500.0	100.0	BE	100.0	BE	100.0	BE	100.0	BE	100.0	BE
35	MUNIS Financial System Enhancements	200.0			100.0	BE	100.0	BE				
36	Public Wifi	1,000.0					500.0	BE	500.0	BE		
37	INFORMATION TECHNOLOGY SUBTOTAL	5,025.0	825.0		925.0		1,325.0		1,225.0		725.0	
38												

FY 2023 - FY 2027 CIP General Fund

	B	C	D	E	F	G	H	I	J	K	L	M
1		TOTALS	FY '23		FY '24		FY '25		FY '26		FY '27	
39	FIRE DEPARTMENT											
40	ALS Ambulance Medical Equipment	200.0	40.0	TR	40.0	TR	40.0	TR	40.0	TR	40.0	TR
41	Chief's, & staff vehicles (3)	180.0	60.0	TR			60.0	TR			60.0	TR
42	Fire Building Improvements/Renovations	300.0	60.0	TR	60.0	TR	60.0	TR	60.0	TR	60.0	TR
43	East End Fire Station HVAC/Plumbing	120.0	120.0	BR								
44	East End Fire Station Painting-Carpet-Lighting	115.0	115.0	BR								
45	Main Station- Interior Painting	50.0	50.0	BR								
46	North Station - Fencing	30.0	30.0	TR								
47	Headsets for Radios in Apparatus	26.0	26.0	TR								
48	Main Station - Concrete Coating Apparatus Floor	85.0			85.0	BR						
49	Main Station Interior Repairs	50.0			50.0	BR						
50	Main Station Emergency Generator Replacement	90.0			90.0	BE						
51	Main Station Kitchen Ductwork	50.0			50.0	BR						
52	North Station - Site Paving	30.0			30.0	TR						
53	Mobil Data Terminals for Apparatus	41.0			41.0	TR						
54	Station Alerting System	105.0			105.0	BE						
55	Main & North Stations Apparatus Doors	65.0					65.0	BR				
56	DOT Type III Emergency Ambulance Vehicle	450.0					450.0	BE				
57	Engine Truck, replacement for 2011 Engine 1	785.0					785.0	BE				
58	Incident Command Vehicle (Deputy Chief)	75.0							75.0	TR		
59	Firefighters Protective Outer Gear	380.0							380.0	BE		
60	East End Station Replacement	5,000.0							5,000.0	BR		
61	Main Station HVAC Replacement	60.0									60.0	TR
62	Engine Truck, replacement for 2013 Engine 3	905.0									905.0	BE
63	FIRE DEPARTMENT SUBTOTAL	9,192.0	501.0		551.0		1,460.0		5,555.0		1,125.0	
64												
65	LIBRARY											
66	Water infiltration Repairs Children's Room	125.0	125.0	BR								
67	Replace Boilers & Pumps	200.0	200.0	BR								
68	Design/Engineer Chiller & Roof Top Units	50.0	50.0	BR								
69	Replace Chiller	200.0			200.0	BR						
70	Replace Roof Top Units/Compressors	416.3			416.3	BR						
71	Repair/Replace Roof	300.0							300.0	BR		
72	Feasability Study for Library Expansion	100.0							100.0	BR		
73	Painting	160.0			40.0	TR	40.0	TR	40.0	TR	40.0	TR
74	Building Renovations/Replacement of Equip	305.0	61.0	TR	61.0	TR	61.0	TR	61.0	TR	61.0	TR
75	LIBRARY DEPARTMENT SUBTOTAL	1,856.3	436.0		717.3		101.0		501.0		101.0	
76												

FY 2023 - FY 2027 CIP General Fund

	B	C	D	E	F	G	H	I	J	K	L	M
1		TOTALS	FY '23		FY '24		FY '25		FY '26		FY '27	
77	POLICE DEPARTMENT											
78	Police Cruisers (3 annually)	979.1	179.1	TR	188.0	TR	197.4	TR	207.3	TR	207.3	TR
79	Radio Infrastructure/specialized equipment	200.0	40.0	TR	40.0	TR	40.0	TR	40.0	TR	40.0	TR
80	Police Building Improvements/Renovations	150.0	30.0	TR	30.0	TR	30.0	TR	30.0	TR	30.0	TR
81	In Cruiser Video System	72.6			72.6	BE						
82	Replace Access Control/Bldg Video Syst. Servers	35.0			35.0	BE						
83	Replace Tactical Bullet Proof Vests	12.9							12.9	TR		
84	Replace Computer Aided Dispatch-Records Mgmt	950.0									950.0	BE
85	POLICE SUBTOTAL	2,399.6	249.1		365.6		267.4		290.2		1,227.3	
86												
87	PUBLIC WORKS DEPARTMENT											
88	**Administration**											
89	Design of Roof Replacement	75.0	75.0	TR								
90	Roof Replacement	4,000.0	2,000.0	BR			2,000.0	BR				
91	Solar Canopy DPW Parking Lots	1,250.0			1,250.0	BR						
92	ADMINISTRATION SUBTOTAL	5,325.0	2,075.0		1,250.0		2,000.0		0.0		0.0	
93												
94	**Central Motors**											
95	Inspectors' Vehicles	350.0	70.0	TR	70.0	TR	70.0	TR	70.0	TR	70.0	TR
96	Supervisor Vehicle	50.0							50.0	BE		
97	CENTRAL MOTORS SUBTOTAL	400.0	70.0		70.0		70.0		120.0		70.0	
98												
99	**Highway**											
100	Skid Steer	65.0					65.0	BE				
101	Rack Truck	150.0			150.0	BE						
102	Crew Truck	180.0			180.0	BE						
103	Heavy Duty Dump Truck	230.0									230.0	BE
104	Electric Street Sweeper	600.0									600.0	BE
105	HIGHWAY SUBTOTAL	1,225.0	-		330.0		65.0		-		830.0	
106												
107	**Snow & Ice Removal**											
108	Plows, Sanders, Salt control units/Replacement	400.0	80.0	TR	80.0	TR	80.0	TR	80.0	TR	80.0	TR
109	Salter 6 Wheeler - Snow Fighter (5)	620.0			300.0	BE			320.0	BE		
110	Loader 3/4 Yard	107.0					107.0	BE				
111	Sidewalk Tractor	200.0									200.0	BE
112	SNOW & ICE REMOVAL SUBTOTAL	1,327.0	80.0		380.0		187.0		400.0		280.0	
113												
114	**Cemetery**											
115	Off Road Utility Vehicle 4X4 (2)	60.0	30.0	BE			30.0	BE				
116	CEMETERY SUBTOTAL	60.0	30.0		-		30.0		-		-	

FY 2023 - FY 2027 CIP General Fund

	B	C	D	E	F	G	H	I	J	K	L	M
1		TOTALS	FY '23		FY '24		FY '25		FY '26		FY '27	
117												
118	**Property/Building**											
119	Boiler Replacement (2)	200.0	200.0	BR								
120	Heavy Duty 4x4 Forklift (Lull)	100.0			100.0	BE						
121	Rough Terrain Forklift	95.0							95.0	BE		
122	PROPERTY/BUILDING SUBTOTAL	395.0	200.0		100.0		-		95.0		-	
123												
124	**Parks & Forestry**											
125	Gazebo at Saltonstall Park	150.0	150.0	BR								
126	Swap Loader	200.0	200.0	BE								
127	Tree Chipper	75.0			75.0	BE						
128	Utility Truck	65.0			65.0	BE						
129	Farm Tractor	80.0									80.0	BE
130	Backhoe	140.0									140.0	BE
131	4x4 Landscape Dump Truck	160.0									160.0	BE
132	PARKS & FORESTRY SUBTOTAL	870.0	350.0		140.0		-		-		380.0	
133												
134	TOTAL DPW - TR	825.0	225.0	TR	150.0	TR	150.0	TR	150.0	TR	150.0	TR
135	TOTAL DPW - BE	3,177.0	230.0	BE	870.0	BE	202.0	BE	465.0	BE	1,410.0	BE
136	TOTAL DPW - BR	5,600.0	2,350.0	BR	1,250.0	BR	2,000.0	BR	0.0	BR	0.0	BR
137	PUBLIC WORKS SUBTOTAL	9,602.0	2,805.0		2,270.0		2,352.0		615.0		1,560.0	
138												
139	RECREATION & PARKS											
140	Tot Lot/Court Resurfacing as needed	550.0			100.0	TR	150.0	TR	150.0	TR	150.0	TR
141	Victory Field (Phase III) Field House Addition	4,000.0	4,000.0	BR								
142	Fillippello Park (Grove) Batting Tunnel	0.0	0.0	TR								
143	Resurface Basketball Courts/ Lowell & Saltonstall	50.0	50.0	TR								
144	Victory Field: Lacrosse Wall Ball	50.0	50.0	TR								
145	Howe PK: Design, Plygrd Equip, and resurface	100.0	100.0	TR								
146	Howe PK: Install Plygrd Equip, and resurface	500.0	500.0	BR								
147	Victory Field Turf Replacement	1,500.0	1,500.0	BR								
148	Bemis: Design, Plygrd Equip, new surf. & spray park	125.0			125.0	TR						
149	Bemis: Install Plygrd Equip, new surf. & spray park	800.0			800.0	BR						
150	Special Needs baseball/softball diamond	600.0			600.0	BR						
151	Filippello (Grove) Design, plygrnd equip and resurface	100.0					100.0	TR				
152	Filippello (Grove) Install plygrnd equip and resurface	600.0					600.0	BR				
153	Lowell Design Playground Equip & resurface	100.0							100.0	TR		
154	Lowell Install Playground Equip. & resurface	600.0							600.0	BR		
155	Filippello (Arlington) Design, plygrnd equip & resurface	100.0									100.0	TR
156	Filippello (Arlington) Install plygrnd equip & resurface	700.0									700.0	BR
157	RECREATION & PARKS SUBTOTAL	10,475.0	6,200.0		1,625.0		850.0		850.0		950.0	

	B	C	D	E	F	G	H	I	J	K	L	M
1		TOTALS	FY '23		FY '24		FY '25		FY '26		FY '27	
158												
159	SCHOOL DEPARTMENT											
160	**CUNNIFF SCHOOL**											
161	Replace classroom furniture	60.0			15.0	TR	15.0	TR	15.0	TR	15.0	TR
162	Total for Cunniff	60.0	0.0		15.0		15.0		15.0		15.0	
163												
164	**HOSMER SCHOOL**											
165	Update building furniture	100.0			25.0	TR	25.0	TR	25.0	TR	25.0	TR
166	Total for Hosmer	100.0	0.0		25.0		25.0		25.0		25.0	
167												
168	**LOWELL SCHOOL**											
169	Replace and update classroom furniture	60.0					20.0	TR	20.0	TR	20.0	TR
170	Total for Lowell	60.0	0.0		0.0		20.0		20.0		20.0	
171												
172	**WATERTOWN MIDDLE SCHOOL**											
173	Replace/update classroom furniture	125.0	25.0	TR	25.0	TR	25.0	TR	25.0	TR	25.0	TR
174	Paint Hallways/Classrooms	200.0	40.0	TR	40.0	TR	40.0	TR	40.0	TR	40.0	TR
175	Remodel Bathrooms (8 baths)	120.0					120.0	BR				
176	Design Courtyard & Exterior Grounds Landscape	120.0	120.0	BR								
177	Renovate Courtyard & Exterior Grounds Landscape	275.0	275.0	BR								
178	HVAC (VRF) 1st Floor	945.0	945.0	BR								
179	Renovate Bemis entrance	125.0			15.0	TR	110.0	BR				
180	Roofing Refurbishing	550.0			50.0	TR	500.0	BR				
181	Library Furniture	60.0					60.0	TR				
182	ReKey Doors & Update Locks	90.0	90.0	TR								
183	New Exterior Electronic Sign	50.0	50.0	TR								
184	HVAC (VRF) Basement	472.0			72.0	BR	400.0	BR				
185	Carpeting Damage (Various Areas)	80.0			40.0	TR					40.0	TR
186	Replace Auditorium/Gym HVAC Units	600.0							600.0	BR		
187	Relocate Nurses Office	110.0					10.0	TR	100.0	BR		
188	Building Envelope Repairs/Masonry Pointing	250.0									250.0	BR
189	Total for Middle School	4,172.0	1,545.0		242.0		1,265.0		765.0		355.0	
190												
191	**WATERTOWN HIGH SCHOOL**											
192	Replace classroom furniture	125.0	25.0	TR	25.0	TR	25.0	TR	25.0	TR	25.0	TR
193	Courtyard landscape	75.0	15.0	TR	15.0	TR	15.0	TR	15.0	TR	15.0	TR
194	Total for High School	200.0	40.0		40.0		40.0		40.0		40.0	
195												
196	**PHILLIPS SCHOOL**											
197	Furniture/Equipment/Furnishings - Phillips	75.0	15.0	TR	15.0	TR	15.0	TR	15.0	TR	15.0	TR
198	Bathroom Fixture Upgrades	300.0	60.0	STBD	60.0	STBD	60.0	STBD	60.0	STBD	60.0	STBD
199	Accessability Improvements	825.0	75.0	STBD	500.0	STBD	250.0	STBD				

FY 2023 - FY 2027 CIP General Fund

	B	C	D	E	F	G	H	I	J	K	L	M
1		TOTALS	FY '23		FY '24		FY '25		FY '26		FY '27	
200	Window Damages/Replacements	150.0	50.0	STBD	50.0	STBD	50.0	STBD				
201	Fire Alarm Upgrades	220.0	20.0	STBD	200.0	STBD						
202	Replace Boiler #1	300.0	300.0	STBD								
203	Repave Parking Lots	90.0			90.0	STBD						
204	ReKey Doors	15.0			15.0	STBD						
205	Roof Repairs	75.0							75.0	STBD		
206	Upgrade Fire Protection	500.0							500.0	STBD		
207	Upgrade Emergency Lighting	50.0							50.0	STBD		
208	Total for Phillips School	2,600.0	520.0		930.0		375.0		700.0		75.0	
209												
210	**DISTRICT**											
211	Update Food Service Equipment	150.0	30.0	TR	30.0	TR	30.0	TR	30.0	TR	30.0	TR
212	Security System Enhancements	40.0	20.0	TR					20.0	TR		
213	School Technology	500.0	100.0	SA	100.0	SA	100.0	SA	100.0	SA	100.0	SA
214	Total for District	690.0	150.0		130.0		130.0		150.0		130.0	
215												
216	**NEW HIGH SCHOOL PROJECT**											
217	High School & Related Costs (Town)	150,000.0	75,000.0	BR	75,000.0	BR						
218	High School & Related Costs (MSBA)	50,000.0	25,000.0	MSBA	25,000.0	MSBA						
219	TOTAL RENOV./RECONSTR.	200,000.0	100,000.0		100,000.0		0.0		0.0		0.0	
220												
221	SCHOOL DEPARTMENT TOTALS											
222	Total School Technology - SA	500.0	100.0	SA	100.0	SA	100.0	SA	100.0	SA	100.0	SA
223	Total Various School Improvements - TR	1,365.0	310.0	TR	295.0	TR	280.0	TR	230.0	TR	250.0	TR
224	Total Various School Improvements- STBD	2,525.0	505.0	STBD	915.0	STBD	360.0	STBD	685.0	STBD	60.0	STBD
225	Total Various School Improvements - MSBA	50,000.0	25,000.0	MSBA	25,000.0	MSBA	0.0	MSBA	0.0	MSBA	0.0	MSBA
226	Total Various School Improvements - DE	0.0	0.0	DE	0.0	DE	0.0	DE	0.0	DE	0.0	DE
227	Total Various School Improvements - BE	0.0	0.0	BE	0.0	BE	0.0	BE	0.0	BE	0.0	BE
228	Total Various School Improvements - BR	153,492.0	76,340.0	BR	75,072.0	BR	1,130.0	BR	700.0	BR	250.0	BR
229	SCHOOL DEPARTMENT SUBTOTAL	207,882.0	102,255.0		101,382.0		1,870.0		1,715.0		660.0	
230												
231	PUBLIC BUILDINGS											
232	Replace Maintenance Vehicles	50.0			50.0	TR						
233	Sidewalk snowblower/cabs	180.0			60.0	BE	60.0	BE	60.0	BE		
234	Maintenance Division Furniture	30.0	15.0	TR					15.0	TR		
235	Maintenance Division Move	50.0					50.0	BR				
236	Pick Up Truck with Plow	60.0					60.0	BE				
237	Johnson Controls Re-Commissioning	50.0	50.0	TR								
238	Equipment Inventory	150.0			150.0	BE						
239	PUBLIC BUILDINGS SUBTOTAL	570.0	65.0		260.0		170.0		75.0		0.0	

FY 2023 - FY 2027 CIP General Fund

	B	C	D	E	F	G	H	I	J	K	L	M
1		TOTALS	FY '23		FY '24		FY '25		FY '26		FY '27	
240												
241	SENIOR CENTER											
242	Design Canopy & walkway	10.0			10.0	TR						
243	Re-Build Canopy & walkway w/exterior lighting	50.0			50.0	BR						
244	Upgrade Fire Alarm System	220.0			20.0	BR	200.0	BR				
245	Roof Repairs/Replacement	150.0	150.0	BR								
246	Exterior Painting	50.0	50.0	BR								
247	Design Back Porch/walkway	10.0							10.0	TR		
248	Repair/Enhance back porch/walkway	50.0							50.0	BR		
249	Paint Hallway/Offices/Meeting Rooms	60.0			30.0	TR	30.0	TR				
250	Building Renovation (desk,curtains,blinds)	75.0	15.0	TR	15.0	TR	15.0	TR	15.0	TR	15.0	TR
251	SENIOR CENTER SUBTOTAL	675.0	215.0		125.0		245.0		75.0		15.0	
252												
253	SKATING ARENA											
254	Building Renovations	150.0	30.0	TR	30.0	TR	30.0	TR	30.0	TR	30.0	TR
255	Rebuild of Compressors	20.0			20.0	BR						
256	Electric Ice Resurfacing Machine	150.0	150.0	BE								
257	Electrical Panel Upgrades	21.0			21.0	BR						
258	Upgrade of Internal Lighting to LED	30.0			30.0	BR						
259	Replacement of Stands (ADA Compliance)	200.0	200.0	BR								
260	Energy Management System	42.0					42.0	BE				
261	Enclosure of outside walls	30.0					30.0	BR				
262	Replace Boilers	50.0					50.0	BR				
263	SKATING ARENA SUBTOTAL	693.0	380.0		101.0		152.0		30.0		30.0	
264												
265	STREETS & SIDEWALKS											
266	Mt. Auburn St.Corridor (Irving St-Coolidge Sq.-Cambridge line)	30,000.0	10,000.0	TIP	10,000.0	TIP	10,000.0	TIP				
267	Mt. Auburn St. Corridor Appraisils, Easements	2,600.0	2,600.0	STB								
268	Highway reconstruction (Chap 90)	1,865.0	373.0	C9	373.0	C9	373.0	C9	373.0	C9	373.0	C9
269	Highway reconstruction (Tax Revenue)	3,360.0	614.5	TR	645.2	TR	677.5	TR	711.4	TR	711.4	TR
270	Highway reconstruction (Bonds)	11,000.0	2,000.0	STB	2,100.0	STB	2,200.0	STB	2,300.0	STB	2,400.0	STB
271	Highway reconstr.- Connector Roads/Longer Streets	8,250.0	1,500.0	STB	1,575.0	STB	1,650.0	STB	1,725.0	STB	1,800.0	STB
272	Highway reconstruction (Future Bonds)	34,762.2									34,762.2	FSB
273	Sidewalk reconstruction (Chap 90)	1,865.0	373.0	C9	373.0	C9	373.0	C9	373.0	C9	373.0	C9
274	Sidewalk reconstruction (Tax Revenue)	3,360.0	614.5	TR	645.2	TR	677.5	TR	711.4	TR	711.4	TR
275	Underground Duct for Utilities	600.0			300.0	BR			300.0	BR		
276	Sidewalk reconstruction (Bonds)	2,750.0	500.0	SWB	525.0	SWB	550.0	SWB	575.0	SWB	600.0	SWB
277	Sidewalk reconstruction (Future Bonds)	13,673.6									13,673.6	FSB
278	STREETS & SIDEWALKS SUBTOTAL	114,085.8	18,575.0		16,536.4		16,501.0		7,068.8		55,404.6	
279												
280	GENERAL FUND CIP	377,277.7	135,551.1		134,055.3		26,803.4		18,985.0		61,882.9	

FY 2023 - FY 2027 CIP General Fund

	B	C	D	E	F	G	H	I	J	K	L	M
1		TOTALS	FY '23		FY '24		FY '25		FY '26		FY '27	
281												
282	**COSTS BY SOURCE OF FUNDS**											
283	**GENERAL OBLIGATION BONDS**											
284	(EQUIPMENT)	11,931.6	1,080.0		2,182.6		2,799.0		2,005.0		3,865.0	
285	(REMODELING)	189,321.3	87,015.0		87,981.3		5,425.0		7,950.0		950.0	
286	(STREET)	21,850.0	6,100.0		3,675.0		3,850.0		4,025.0		4,200.0	
287	(SIDEWALK)	2,750.0	500.0		525.0		550.0		575.0		600.0	
288	**SUBTOTAL GENERAL OBLIGATION BONDS**	225,852.9	94,695.0		94,363.9		12,624.0		14,555.0		9,615.0	
289												
290	CHAPTER 90 FUNDS	3,730.0	746.0		746.0		746.0		746.0		746.0	
291	FUTURE STREET & SIDEWALK BONDS	48,435.8	0.0		0.0		0.0		0.0		48,435.8	
292	SCHOOL BUILDING ASSISTANCE	50,000.0	25,000.0		25,000.0		0.0		0.0		0.0	
293	SCHOOL RENO/NEW - DEBT EXCLUSION	0.0	0.0		0.0		0.0		0.0		0.0	
294	SCHOOL TO BE DETERMINED	2,525.0	505.0		915.0		360.0		685.0		60.0	
295	TAX REVENUE	14,634.0	2,905.1		2,930.4		2,973.4		2,899.0		2,926.1	
296	SCHOOL APPROPRIATION	500.0	100.0		100.0		100.0		100.0		100.0	
297	TRANSPORTATION IMPROVEMENT PROG.	30,000.0	10,000.0		10,000.0		10,000.0		0.0		0.0	
298	TO BE DETERMINED	1,600.0	1,600.0		0.0		0.0		0.0		0.0	
299	**SUBTOTAL OTHER**	151,424.8	40,856.1		39,691.4		14,179.4		4,430.0		52,267.9	
300	**GRAND TOTAL**	377,277.7	135,551.1		134,055.3		26,803.4		18,985.0		61,882.9	

FY2023-2027 CIP
GENERAL FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
2	**PERMANENT DEBT**						
3	FY09 Bond (Jul 08)						
4	Prin (15,650,000)		$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000
5	L/T Int		$ 145,000	$ 123,750	$ 102,188	$ 80,000	$ 57,500
6	Subtotal		$ 645,000	$ 623,750	$ 602,188	$ 580,000	$ 557,500
7							
8	FY10 Bond (Feb 10)						
9	Prin (5,452,000)		$ 270,000	$ 270,000	$ 245,000	$ 210,000	$ 210,000
10	L/T Int		$ 69,300	$ 59,850	$ 50,401	$ 41,213	$ 33,600
11	Subtotal		$ 339,300	$ 329,850	$ 295,401	$ 251,213	$ 243,600
12							
13	FY12 Bond (June 12)						
14	Prin (3,722,000)		$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 125,000
15	L/T Int		$ 16,563	$ 13,906	$ 11,250	$ 7,500	$ 3,750
16	Subtotal		$ 141,563	$ 138,906	$ 136,250	$ 132,500	$ 128,750
17							
18	FY 14 Bond (Nov 13)						
19	Prin (6,000,000) ESCO		$ 280,000	$ 285,000	$ 295,000	$ 305,000	$ 310,000
20	L/T Int		$ 112,488	$ 105,488	$ 97,650	$ 88,800	$ 79,650
21	Subtotal		$ 392,488	$ 390,488	$ 392,650	$ 393,800	$ 389,650
22							
23	FY 12 Bond (May 2014)						
24	Prin (1,088,000) Victory Field		$ 85,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000
25	L/T Int		$ 11,725	$ 7,600	$ 4,600	$ 2,600	$ 800
26	Subtotal		$ 96,725	$ 87,600	$ 84,600	$ 82,600	$ 80,800
27							
28	FY 13 Bond (May 2014)						
29	Prin (1,350,000) ESCO		$ 90,000	$ 90,000	$ 90,000	$ 90,000	$ 90,000
30	L/T Int		$ 18,450	$ 13,950	$ 10,575	$ 8,325	$ 6,300
31	Subtotal		$ 108,450	$ 103,950	$ 100,575	$ 98,325	$ 96,300
32							
33	FY 13 Bond (May 2014)						
34	Prin (207,000) Various School Buildings		$ 15,000	$ 15,000	$ 10,000	$ 10,000	$ 10,000
35	L/T Int		$ 2,275	$ 1,525	$ 1,025	$ 775	$ 550
36	Subtotal		$ 17,275	$ 16,525	$ 11,025	$ 10,775	$ 10,550
37							

FY2023-2027 CIP
GENERAL FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
38	FY 13 Bond (May 2014)						
39	Prin (370,000) Casey Park		$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000
40	L/T Int		$ 4,975	$ 3,725	$ 2,788	$ 2,163	$ 1,600
41	Subtotal		$ 29,975	$ 28,725	$ 27,788	$ 27,163	$ 26,600
42							
43	FY 14 Refunding Bond Issue (May 2014)						
44	Prin (7,933,000)		$ 680,000	$ 680,000	$ 670,000	$ -	$ -
45	L/T Int		$ 67,750	$ 33,750	$ 8,375	$ -	$ -
46	Subtotal		$ 747,750	$ 713,750	$ 678,375	$ -	$ -
47							
48	FY 16 Bond (April 2016)						
49	Prin (1,206,500) Various Equipment & Vehicles		$ 45,000	$ 40,000	$ 40,000	$ -	$ -
50	L/T Int		$ 3,750	$ 2,400	$ 1,200	$ -	$ -
51	Subtotal		$ 48,750	$ 42,400	$ 41,200	$ -	$ -
52							
53	FY 16 Bond (April 2016)						
54	Prin (913,600) Various Municipal Buildings		$ 100,000	$ 100,000	$ 100,000	$ -	$ -
55	L/T Int		$ 9,000	$ 6,000	$ 3,000	$ -	$ -
56	Subtotal		$ 109,000	$ 106,000	$ 103,000	$ -	$ -
57							
58	FY 18 Bond (January 2018)						
59	Prin (1,793,000) Various Equipment & Vehicles		$ 195,000	$ 135,000	$ 120,000	$ 120,000	$ 115,000
60	L/T Int		$ 36,500	$ 28,700	$ 23,300	$ 18,500	$ 13,700
61	Subtotal		$ 231,500	$ 163,700	$ 143,300	$ 138,500	$ 128,700
62							
63	FY 18 Bond (January 2018)						
64	Prin (1,327,200) Various Municipal Buildings		$ 90,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000
65	L/T Int		$ 29,700	$ 26,100	$ 23,100	$ 20,100	$ 17,100
66	Subtotal		$ 119,700	$ 101,100	$ 98,100	$ 95,100	$ 92,100
67							
68	FY 18 Bond (January 2018)						
69	Prin (4,034,800) Street and Sidewalks		$ 85,000	$ 85,000	$ 85,000	$ 85,000	$ 80,000
70	L/T Int		$ 16,800	$ 13,400	$ 10,000	$ 6,600	$ 3,200
71	Subtotal		$ 101,800	$ 98,400	$ 95,000	$ 91,600	$ 83,200
72							
73							

FY2023-2027 CIP
GENERAL FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
74	FY 19 Bond (June 2019)						
75	Prin (1,078,500) Elementary School Design/Constr.		$ 215,000	$ 215,000	$ -	$ -	$ -
76	L/T Int		$ 21,500	$ 10,750	$ -	$ -	$ -
77	Subtotal		$ 236,500	$ 225,750	$ -	$ -	$ -
78							
79	FY 19 Bond (June 2019)						
80	Prin (247,500) Middle School Girls Locker Rooms		$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000
81	L/T Int		$ 8,500	$ 7,250	$ 6,000	$ 4,750	$ 3,500
82	Subtotal		$ 33,500	$ 32,250	$ 31,000	$ 29,750	$ 28,500
83							
84	FY 19 Bond (June 2019)						
85	Prin (837,500) Street and Sidewalks		$ 165,000	$ 165,000	$ -	$ -	$ -
86	L/T Int		$ 16,500	$ 8,250	$ -	$ -	$ -
87	Subtotal		$ 181,500	$ 173,250	$ -	$ -	$ -
88							
89	FY 19 Bond (June 2019)						
90	Prin (908,000) Filippello Park		$ 90,000	$ 90,000	$ 90,000	$ 90,000	$ 90,000
91	L/T Int		$ 31,500	$ 27,000	$ 22,500	$ 18,000	$ 13,500
92	Subtotal		$ 121,500	$ 117,000	$ 112,500	$ 108,000	$ 103,500
93							
94	FY 19 Bond (June 2019)						
95	Prin (1,443,500) Various Equipment & Vehicles		$ 155,000	$ 145,000	$ 125,000	$ 125,000	$ 120,000
96	L/T Int		$ 44,750	$ 37,000	$ 29,750	$ 23,500	$ 17,250
97	Subtotal		$ 199,750	$ 182,000	$ 154,750	$ 148,500	$ 137,250
98							
99	FY 20 Bond (June 2020)						
100	Prin (3,223,467) Cunniff Elementary Design		$ 165,000	$ 165,000	$ 160,000	$ 160,000	$ 160,000
101	L/T Int		$ 102,100	$ 93,850	$ 85,600	$ 77,600	$ 69,600
102	Subtotal		$ 267,100	$ 258,850	$ 245,600	$ 237,600	$ 229,600
103							
104	FY 20 Bond (June 2020)						
105	Prin (5,729,088) Hosmer Elementary Design		$ 290,000	$ 290,000	$ 290,000	$ 285,000	$ 285,000
106	L/T Int		$ 181,725	$ 167,225	$ 152,725	$ 138,225	$ 123,975
107	Subtotal		$ 471,725	$ 457,225	$ 442,725	$ 423,225	$ 408,975
108							
109							

FY2023-2027 CIP
GENERAL FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
110	FY 20 Bond (June 2020)						
111	Prin (1,122,445) Hosmer Elementary OPM		$ 60,000	$ 60,000	$ 55,000	$ 55,000	$ 55,000
112	L/T Int		$ 35,425	$ 32,425	$ 29,425	$ 26,675	$ 23,925
113	Subtotal		$ 95,425	$ 92,425	$ 84,425	$ 81,675	$ 78,925
114							
115	FY 20 Bond (June 2020)						
116	Prin (245,000) Middle School Men's Lockerroom		$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000
117	L/T Int		$ 9,500	$ 8,250	$ 7,000	$ 5,750	$ 4,500
118	Subtotal		$ 34,500	$ 33,250	$ 32,000	$ 30,750	$ 29,500
119							
120	FY 20 Bond (June 2020)						
121	Prin (529,625) Street/Sidewalk Renovations		$ 105,000	$ 105,000	$ 105,000	$ -	$ -
122	L/T Int		$ 15,750	$ 10,500	$ 5,250	$ -	$ -
123	Subtotal		$ 120,750	$ 115,500	$ 110,250	$ -	$ -
124							
125	FY 20 Bond (June 2020)						
126	Prin (2,500,000) Street/Sidewalk Renovations		$ 500,000	$ 500,000	$ 500,000	$ -	$ -
127	L/T Int		$ 75,000	$ 50,000	$ 25,000	$ -	$ -
128	Subtotal		$ 575,000	$ 550,000	$ 525,000	$ -	$ -
129							
130	FY 20 Bond (June 2020)						
131	Prin (1,100,000) Ladder Truck		$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000
132	L/T Int		$ 39,100	$ 35,350	$ 31,600	$ 27,850	$ 24,100
133	Subtotal		$ 114,100	$ 110,350	$ 106,600	$ 102,850	$ 99,100
134							
135	FY 20 Bond (June 2020)						
136	Prin (1,175,375) Filippello Lights & Scoreboard		$ 120,000	$ 120,000	$ 120,000	$ 115,000	$ 115,000
137	L/T Int		$ 46,750	$ 40,750	$ 34,750	$ 28,750	$ 23,000
138	Subtotal		$ 166,750	$ 160,750	$ 154,750	$ 143,750	$ 138,000
139							
140	FY 21 Bond (January 2021)						
141	Prin (52,145,000) 3 Elementary School Project		$ 2,610,000	$ 2,610,000	$ 2,610,000	$ 2,610,000	$ 2,610,000
142	L/T Int		$ 1,695,250	$ 1,564,750	$ 1,434,250	$ 1,303,750	$ 1,173,250
143	Subtotal		$ 4,305,250	$ 4,174,750	$ 4,044,250	$ 3,913,750	$ 3,783,250
144							
145							

FY2023-2027 CIP
GENERAL FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
146	FY 21 Bond (April 2021)						
147	Prin (1,771,000) Public Safety Radio Infrastrucuture		$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 175,000
148	L/T Int		$ 74,300	$ 65,300	$ 56,300	$ 47,300	$ 38,300
149	Subtotal		$ 254,300	$ 245,300	$ 236,300	$ 227,300	$ 213,300
150							
151	FY 21 Bond (April 2021)						
152	Prin (355,000) Fire Ambulance		$ 70,000	$ 70,000	$ 70,000	$ 70,000	$ -
153	L/T Int		$ 14,000	$ 10,500	$ 7,000	$ 3,500	$ -
154	Subtotal		$ 84,000	$ 80,500	$ 77,000	$ 73,500	$ -
155							
156	FY 21 Bond (April 2021)						
157	Prin (188,000) Admin. Bldg Elevator		$ 40,000	$ 35,000	$ 35,000	$ 35,000	$ -
158	L/T Int		$ 7,250	$ 5,250	$ 3,500	$ 1,750	$ -
159	Subtotal		$ 47,250	$ 40,250	$ 38,500	$ 36,750	$ -
160							
161	FY 21 Bond (April 2021)						
162	Prin (1,469,800) Middle Sch. Boilers & HVAC Cafeteria		$ 150,000	$ 150,000	$ 150,000	$ 145,000	$ 145,000
163	L/T Int		$ 61,450	$ 53,950	$ 46,450	$ 38,950	$ 31,700
164	Subtotal		$ 211,450	$ 203,950	$ 196,450	$ 183,950	$ 176,700
165							
166	FY 21 Bond (April 2021)						
167	Prin (1,200,000) Streets & Sidewalks		$ 240,000	$ 240,000	$ 240,000	$ 240,000	$ -
168	L/T Int		$ 48,000	$ 36,000	$ 24,000	$ 12,000	$ -
169	Subtotal		$ 288,000	$ 276,000	$ 264,000	$ 252,000	$ -
170							
171	FY 21 Bond (April 2021)						
172	Prin (34,106,200) 3 Elem School Bldg		$ 1,705,000	$ 1,705,000	$ 1,705,000	$ 1,705,000	$ 1,705,000
173	L/T Int		$ 1,074,150	$ 988,900	$ 903,650	$ 818,400	$ 733,150
174	Subtotal		$ 2,779,150	$ 2,693,900	$ 2,608,650	$ 2,523,400	$ 2,438,150
175							
176	**TOTAL PERMANENT DEBT**						
177	Prin		$ 9,570,000	$ 9,475,000	$ 9,020,000	$ 7,565,000	$ 7,205,000
178	L/T Int		$ 4,146,775	$ 3,693,394	$ 3,254,202	$ 2,853,326	$ 2,497,500
179	**Total Permanent**		**$ 13,716,775**	**$ 13,168,394**	**$ 12,274,202**	**$ 10,418,326**	**$ 9,702,500**
180							
181							

FY2023-2027 CIP
GENERAL FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
182	**AUTHORIZED NOT ISSUED DEBT**						
183	Prin (508,000) DPW Equipment FY 19 cip items		$ 50,800	$ 50,800	$ 50,800	$ 50,800	$ 50,800
184	L/T Int (4.5%)		$ 22,860	$ 20,574	$ 18,288	$ 16,002	$ 13,716
185	Subtotal		$ 73,660	$ 71,374	$ 69,088	$ 66,802	$ 64,516
186							
187	Prin (1,500,000) Highway Connector FY 20 cip items		$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000
188	L/T Int (4.5%)		$ 67,500	$ 54,000	$ 40,500	$ 27,000	$ 13,500
189	Subtotal		$ 367,500	$ 354,000	$ 340,500	$ 327,000	$ 313,500
190							
191	Prin (205,000) DPW Equipment FY 21 cip items		$ 32,500	$ 32,500	$ 32,500	$ 32,500	$ 32,500
192	L/T Int (4.5%)		$ 9,225	$ 7,763	$ 6,300	$ 4,838	$ 3,375
193	Subtotal		$ 41,725	$ 40,263	$ 38,800	$ 37,338	$ 35,875
194							
195	Prin (5,124,826) Various Departmental FY 22 cip items		$ 479,625	$ 479,625	$ 479,625	$ 479,625	$ 479,625
196	L/T Int (4.5%)		$ 230,617	$ 209,034	$ 187,451	$ 165,868	$ 144,285
197	Subtotal		$ 710,242	$ 688,659	$ 667,076	$ 645,493	$ 623,910
198							
199	Prin (4,632,748) Elem. Schools Proj Design & OPM		$ 231,637	$ 231,637	$ 231,637	$ 231,637	$ 231,637
200	L/T Int (4.5%)		$ 203,787	$ 193,363	$ 182,940	$ 172,516	$ 162,092
201	Subtotal		$ 435,424	$ 425,000	$ 414,577	$ 404,153	$ 393,729
202							
203	Prin (1,600,000) High School Feasibility Study		$ 533,333	$ 533,333	$ -	$ -	$ -
204	L/T Int (4.5%)		$ 42,667	$ 21,334	$ -	$ -	$ -
205	Subtotal		$ 576,000	$ 554,667	$ -	$ -	$ -
206							
207	**TOTAL AUTHORIZED UNISSUED DEBT**						
208	Prin		$ 1,627,895	$ 1,627,895	$ 1,094,562	$ 1,094,562	$ 1,094,562
209	L/T Int		$ 576,656	$ 506,068	$ 435,479	$ 386,224	$ 336,968
210	**Total Authorized Unissued**		**$ 2,204,551**	**$ 2,133,963**	**$ 1,530,041**	**$ 1,480,786**	**$ 1,431,530**
211							
212							
213							
214							
215							
216							
217							

FY2023-2027 CIP

GENERAL FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
218	**PLANNED BOND DEBT**						
219	FY 16 Bond (June 2017)						
220	Prin (1,380,000) See Schedule		$ 138,000	$ 138,000	$ 138,000	$ 138,000	$ 138,000
221	L/T Int (4.5%)		$ 62,100	$ 55,890	$ 49,680	$ 43,470	$ 37,260
222	Subtotal		$ 200,100	$ 193,890	$ 187,680	$ 181,470	$ 175,260
223							
224	FY 17 Bond (June 2017)						
225	Prin (3,950,000) See Schedule		$ 395,000	$ 395,000	$ 395,000	$ 395,000	$ 395,000
226	L/T Int (4.5%)		$ 177,750	$ 159,975	$ 142,200	$ 124,425	$ 106,650
227	Subtotal		$ 572,750	$ 554,975	$ 537,200	$ 519,425	$ 501,650
228							
229	FY 18 Bond (May 2018)						
230	Prin (385,000) See Schedule		$ 38,500	$ 38,500	$ 38,500	$ 38,500	$ 38,500
231	L/T Int (4.5%)		$ 17,325	$ 15,593	$ 13,860	$ 12,128	$ 10,395
232	Subtotal		$ 55,825	$ 54,093	$ 52,360	$ 50,628	$ 48,895
233							
234	FY 18 Bond (May 2018)						
235	Prin (325,000) Comm. Path Design		$ 65,000	$ 65,000	$ 65,000	$ 65,000	$ 65,000
236	L/T Int (4.5%)		$ 14,625	$ 11,700	$ 8,775	$ 5,850	$ 2,925
237	Subtotal		$ 79,625	$ 76,700	$ 73,775	$ 70,850	$ 67,925
238							
239	FY 19 Bond (May 2019)						
240	Prin (515,000) See Schedule		$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000
241	L/T Int (4.5%)		$ 23,175	$ 20,475	$ 17,775	$ 15,075	$ 12,375
242	Subtotal		$ 83,175	$ 80,475	$ 77,775	$ 75,075	$ 72,375
243							
244	FY 20 Bond (May 2020)						
245	Prin (3,000,000) Comm Path		$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000
246	L/T Int (4.5%)		$ 135,000	$ 121,500	$ 108,000	$ 94,500	$ 81,000
247	Subtotal		$ 435,000	$ 421,500	$ 408,000	$ 394,500	$ 381,000
248							
249	FY 21 Bond (May 2021)						
250	Prin (7,050,000) See Schedule		$ 705,000	$ 705,000	$ 705,000	$ 705,000	$ 705,000
251	L/T Int (4.5%)		$ 317,250	$ 285,525	$ 253,800	$ 222,075	$ 190,350
252	Subtotal		$ 1,022,250	$ 990,525	$ 958,800	$ 927,075	$ 895,350
253							

GENERAL FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
254	FY 21 Bond (May 2021)						
255	Prin (1,500,000) Conn/Thrwys		$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000
256	L/T Int (4.5%)		$ 67,500	$ 54,000	$ 40,500	$ 27,000	$ 13,500
257	Subtotal		$ 367,500	$ 354,000	$ 340,500	$ 327,000	$ 313,500
258							
259	FY 22 Bond (May 2022)						
260	Prin (1,894,200) See Schedule		$ 296,090	$ 296,090	$ 296,090	$ 296,090	$ 296,090
261	L/T Int (4.5%)		$ 85,239	$ 71,915	$ 58,591	$ 45,267	$ 31,943
262	Subtotal		$ 381,329	$ 368,005	$ 354,681	$ 341,357	$ 328,033
263							
264	FY 22 Bond (May 2022)						
265	Prin (4,000,000) Str, Walk, Duct & Conn/Thrwys		$ 800,000	$ 800,000	$ 800,000	$ 800,000	$ 800,000
266	L/T Int (4.5%)		$ 180,000	$ 144,000	$ 108,000	$ 72,000	$ 36,000
267	Subtotal		$ 980,000	$ 944,000	$ 908,000	$ 872,000	$ 836,000
268							
269	FY 22 Bond (May 2022)						
270	Prin (3,080,000) School		$ 241,667	$ 241,667	$ 241,667	$ 241,667	$ 241,667
271	L/T Int (4.5%)		$ 138,600	$ 127,725	$ 116,850	$ 105,975	$ 95,100
272	Subtotal		$ 380,267	$ 369,392	$ 358,517	$ 347,642	$ 336,767
273							
274	FY 22 Bond (May 2022)						
275	Prin (59,821,888) NEW WHS & 3 Elem School Bldg		$ 2,501,155	$ 2,827,781	$ 2,827,781	$ 2,827,781	$ 2,827,781
276	L/T Int (4.5%)		$ 2,635,709	$ 2,523,157	$ 2,395,907	$ 2,268,657	$ 2,197,682
277	Subtotal		$ 5,136,864	$ 5,350,938	$ 5,223,688	$ 5,096,438	$ 5,025,463
278							
279	FY 23 Bond (May 2023)						
280	Prin (11,755,000) See Schedule		$ -	$ 1,034,333	$ 1,034,333	$ 1,034,333	$ 1,034,333
281	L/T Int (4.5%)		$ -	$ 528,975	$ 482,430	$ 435,885	$ 389,340
282	Subtotal		$ -	$ 1,563,308	$ 1,516,763	$ 1,470,218	$ 1,423,673
283							
284	FY 23 Bond (May 2023)						
285	Prin (6,600,000) Str, Walk, & Conn/Thrwys		$ -	$ 1,320,000	$ 1,320,000	$ 1,320,000	$ 1,320,000
286	L/T Int (4.5%)		$ -	$ 297,000	$ 237,600	$ 178,200	$ 118,800
287	Subtotal		$ -	$ 1,617,000	$ 1,557,600	$ 1,498,200	$ 1,438,800
288							
289							

FY2023-2027 CIP
GENERAL FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
290	FY 23 Bond (May 2023)						
291	Prin (76,340,000) NEW WHS & Middle Sch. Items		$ -	$ 2,642,000	$ 2,642,000	$ 2,642,000	$ 2,642,000
292	L/T Int (4.5%)		$ -	$ 3,435,300	$ 3,316,410	$ 3,197,520	$ 3,078,630
293	Subtotal		$ -	$ 6,077,300	$ 5,958,410	$ 5,839,520	$ 5,720,630
294							
295	FY 24 Bond (May 2024)						
296	Prin (14,791,900) See Schedule		$ -	$ -	$ 1,156,497	$ 1,156,497	$ 1,156,497
297	L/T Int (4.5%)		$ -	$ -	$ 665,636	$ 613,593	$ 561,551
298	Subtotal		$ -	$ -	$ 1,822,133	$ 1,770,090	$ 1,718,048
299							
300	FY 24 Bond (May 2024)						
301	Prin (4,500,000) Str, Walk, & Conn/Thrwys		$ -	$ -	$ 900,000	$ 900,000	$ 900,000
302	L/T Int (4.5%)		$ -	$ -	$ 202,500	$ 162,000	$ 121,500
303	Subtotal		$ -	$ -	$ 1,102,500	$ 1,062,000	$ 1,021,500
304							
305	FY 24 Bond (May 2024)						
306	Prin (75,072,000) NEW WHS Sch. & MS items		$ -	$ -	$ 2,504,800	$ 2,504,800	$ 2,504,800
307	L/T Int (4.5%)		$ -	$ -	$ 3,378,240	$ 3,265,524	$ 3,152,808
308	Subtotal		$ -	$ -	$ 5,883,040	$ 5,770,324	$ 5,657,608
309							
310	FY 25 Bond (May 2025)						
311	Prin (7,094,000) See Schedule		$ -	$ -	$ -	$ 826,767	$ 826,767
312	L/T Int (4.5%)		$ -	$ -	$ -	$ 319,230	$ 282,026
313	Subtotal		$ -	$ -	$ -	$ 1,145,997	$ 1,108,793
314							
315	FY 25 Bond (May 2025)						
316	Prin (4,400,000) Str, Walk, & Conn/Thrwys		$ -	$ -	$ -	$ 880,000	$ 880,000
317	L/T Int (4.5%)		$ -	$ -	$ -	$ 198,000	$ 158,400
318	Subtotal		$ -	$ -	$ -	$ 1,078,000	$ 1,038,400
319							
320	FY 25 Bond (May 2025)						
321	Prin (1,130,000) Middle School Items		$ -	$ -	$ -	$ 83,000	$ 83,000
322	L/T Int (4.5%)		$ -	$ -	$ -	$ 50,850	$ 47,115
323	Subtotal		$ -	$ -	$ -	$ 133,850	$ 130,115
324							
325							

FY2023-2027 CIP

GENERAL FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
326	FY 26 Bond (May 2026)						
327	Prin (8,955,000) See Schedule		$ -	$ -	$ -	$ -	$ 676,500
328	L/T Int (4.5%)		$ -	$ -	$ -	$ -	$ 402,975
329	Subtotal		$ -	$ -	$ -	$ -	$ 1,079,475
330							
331	FY 26 Bond (May 2026)						
332	Prin (4,900,000) Str, Walk, & Conn/Thrwys		$ -	$ -	$ -	$ -	$ 980,000
333	L/T Int (4.5%)		$ -	$ -	$ -	$ -	$ 220,500
334	Subtotal		$ -	$ -	$ -	$ -	$ 1,200,500
335							
336	FY 26 Bond (May 2026)						
337	Prin (700,000) Middle School Items		$ -	$ -	$ -	$ -	$ 80,000
338	L/T Int (4.5%)		$ -	$ -	$ -	$ -	$ 31,500
339	Subtotal		$ -	$ -	$ -	$ -	$ 111,500
340							
341	**TOTAL PLANNED BOND DEBT**						
342	Principal		$ 5,840,412	$ 11,163,371	$ 15,724,668	$ 17,514,435	$ 19,250,935
343	Long Term Interest		$ 3,854,273	$ 7,852,730	$ 11,596,754	$ 11,457,224	$ 11,380,325
344	**TOTAL PLANNED DEBT**		**$ 9,694,685**	**$ 19,016,101**	**$ 27,321,422**	**$ 28,971,659**	**$ 30,631,260**
345							
346	**Total Permanent, Authorized/Unissued, & Planned**						
347	Principal		$ 17,038,307	$ 22,266,266	$ 25,839,230	$ 26,173,997	$ 27,550,497
348	Long Term Interest		$ 8,577,705	$ 12,052,192	$ 15,286,434	$ 14,696,772	$ 14,214,793
349	**Grand Total**		**$ 25,616,012**	**$ 34,318,458**	**$ 41,125,664**	**$ 40,870,769**	**$ 41,765,290**

TOWN OF WATERTOWN
CIP FY 23 TO FY 27 COST ANALYSIS

			FY	COST	FY 23 PRINCIPAL	FY 23 INTEREST	FY 24 PRINCIPAL	FY 24 INTEREST	FY 25 PRINCIPAL	FY 25 INTEREST	FY 26 PRINCIPAL	FY 26 INTEREST	FY 27 PRINCIPAL	FY 27 INTEREST
	AUTHORIZED UNISSUED DEBT													
10	HIGHWAY: DUMP TRUCK 55000 GVW	BE	19	243,000	24,300	10,935	24,300	9,842	24,300	8,748	24,300	7,655	24,300	6,561
10	SNOW&ICE:COMBO BODY 6 WHEELER	BE	19	265,000	26,500	11,925	26,500	10,733	26,500	9,540	26,500	8,348	26,500	7,155
				508,000	50,800	22,860	50,800	20,574	50,800	18,288	50,800	16,002	50,800	13,716
5	HIGHWAY (CONNECTOR/THROUGHWAYS)	STB	20	1,500,000	300,000	67,500	300,000	54,000	300,000	40,500	300,000	27,000	300,000	13,500
				1,500,000	300,000	67,500	300,000	54,000	300,000	40,500	300,000	27,000	300,000	13,500
10	HIGHWAY SERVICE FLAT BED	BE	21	85,000	8,500	3,825	8,500	3,443	8,500	3,060	8,500	2,678	8,500	2,295
5	PROP&BLDG SIGN TRUCK	BE	21	120,000	24,000	5,400	24,000	4,320	24,000	3,240	24,000	2,160	24,000	1,080
				205,000	32,500	9,225	32,500	7,763	32,500	6,300	32,500	4,838	32,500	3,375
20	ADMIN. BLDG: REPLACE CHILLER	BR	22	423,826	21,191	19,072	21,191	18,119	21,191	17,165	21,191	16,211	21,191	15,258
15	FIRE: LADDER TRUCK	BE	22	1,250,000	83,333	56,250	83,333	52,500	83,333	48,750	83,333	45,000	83,333	41,250
10	PUBLIC SAFETY PH 2 RADIO INFRASTRUCUTR	BR	22	2,376,000	237,600	106,920	237,600	96,228	237,600	85,536	237,600	74,844	237,600	64,152
10	DPW BLDG SIDEWLKS & PRKNG LOT	BR	22	110,000	11,000	4,950	11,000	4,455	11,000	3,960	11,000	3,465	11,000	2,970
10	HIGHWAY STREET VACTOR	BE	22	85,000	8,500	3,825	8,500	3,443	8,500	3,060	8,500	2,678	8,500	2,295
10	SNOW&ICE: SALTER 6 WHEELER	BE	22	280,000	28,000	12,600	28,000	11,340	28,000	10,080	28,000	8,820	28,000	7,560
10	SNOW&ICE: LOADER	BE	22	300,000	30,000	13,500	30,000	12,150	30,000	10,800	30,000	9,450	30,000	8,100
5	PROP&BLDG:UNDERGROUND DUCT	BR	22	300,000	60,000	13,500	60,000	10,800	60,000	8,100	60,000	5,400	60,000	2,700
				5,124,826	479,625	230,617	479,625	209,034	479,625	187,451	479,625	165,868	479,625	144,285
20	3 ELEM. SCH. PROJ. PLANS/DESIGN	BR	19	3,488,471	174,424	152,294	174,424	144,445	174,424	136,596	174,424	128,747	174,424	120,898
20	3 ELEM. SCH. PROJ. PLANS/DESIGN	BR	19	1,144,277	57,214	51,492	57,214	48,918	57,214	46,343	57,214	43,769	57,214	41,194
				4,632,748	231,637	203,787	231,637	193,363	231,637	182,940	231,637	172,516	231,637	162,092
20	HIGH SCHOOL FEASIBILITY STUDY	BR	19	1,600,000	533,333	42,667	533,333	21,334		-		-		-
				1,600,000	533,333	42,667	533,333	21,334	-	-	-	-	-	-
	TOTAL AUTHORIZED UNISSUED DEBT			13,570,574	1,627,895	576,656	1,627,895	506,068	1,094,562	435,479	1,094,562	386,223	1,094,562	336,968
	PLANNED DEBT													
10	DESIGN MOXLEY CTS RENOV/LIGHTS	BR	16	100,000	10,000	4,500	10,000	4,050	10,000	3,600	10,000	3,150	10,000	2,700
10	MOXLEY COURTS RENOV/LIGHTS	BR	16	1,280,000	128,000	57,600	128,000	51,840	128,000	46,080	128,000	40,320	128,000	34,560
				1,380,000	138,000	62,100	138,000	55,890	138,000	49,680	90,000	43,470	90,000	37,260
10	VICTORY TRACK, FIELD & CRT RENO	BR	17	3,000,000	300,000	135,000	300,000	121,500	300,000	108,000	300,000	94,500	300,000	81,000
10	DESIGN OF CASEY PARK RENOV.	BR	17	100,000	10,000	4,500	10,000	4,050	10,000	3,600	10,000	3,150	10,000	2,700
10	CASEY PARK RENOV, LIGHTS/SCBRD	BR	17	850,000	85,000	38,250	85,000	34,425	85,000	30,600	85,000	26,775	85,000	22,950
				3,950,000	395,000	177,750	395,000	159,975	395,000	142,200	395,000	124,425	395,000	106,650
10	ADMIN BLDG: SHINGLE, PAINT, RUG	BR	18	385,000	38,500	17,325	38,500	15,593	38,500	13,860	38,500	12,128	38,500	10,395
				385,000	38,500	17,325	38,500	15,593	38,500	13,860	38,500	12,128	38,500	10,395
5	COMM. PATH DESIGN(TAYLOR/LINEAR)	SWB	18	325,000	65,000	14,625	65,000	11,700	65,000	8,775	65,000	5,850	65,000	2,925
				325,000	65,000	14,625	65,000	11,700	65,000	8,775	65,000	5,850	65,000	2,925
5	ADMIN. BLD REPLACE FIRE ALARM	BE	19	85,000	17,000	3,825	17,000	3,060	17,000	2,295	17,000	1,530	17,000	765
10	ADMIN BLD AC & PLUMBING UPGRADE	BR	19	130,000	13,000	5,850	13,000	5,265	13,000	4,680	13,000	4,095	13,000	3,510
10	SALTONSTALL COURT, PARKING LGT	BR	19	300,000	30,000	13,500	30,000	12,150	30,000	10,800	30,000	9,450	30,000	8,100
				515,000	60,000	23,175	60,000	20,475	60,000	17,775	60,000	15,075	60,000	12,375
10	COMM. PATH CONSTR.(TAYLOR/LINEAR)	SWB	20	3,000,000	300,000	135,000	300,000	121,500	300,000	108,000	300,000	94,500	300,000	81,000
				3,000,000	300,000	135,000	300,000	121,500	300,000	108,000	300,000	94,500	300,000	81,000

TOWN OF WATERTOWN
CIP FY 23 TO FY 27 COST ANALYSIS

			FY	COST	FY 23 PRINCIPAL	FY 23 INTEREST	FY 24 PRINCIPAL	FY 24 INTEREST	FY 25 PRINCIPAL	FY 25 INTEREST	FY 26 PRINCIPAL	FY 26 INTEREST	FY 27 PRINCIPAL	FY 27 INTEREST
10	ARSENAL PARK RENOVATIONS	BR	21	$ 6,350,000	$ 635,000	$ 285,750	$ 635,000	$ 257,175	$ 635,000	$ 228,600	$ 635,000	$ 200,025	$ 635,000	$ 171,450
10	FILIPPELLO: SPRAY PRK DESIGN & RENO	BR	21	$ 400,000	$ 40,000	$ 18,000	$ 40,000	$ 16,200	$ 40,000	$ 14,400	$ 40,000	$ 12,600	$ 40,000	$ 10,800
10	RINK: REPAIR HANDICAP RAMP	BR	21	$ 300,000	$ 30,000	$ 13,500	$ 30,000	$ 12,150	$ 30,000	$ 10,800	$ 30,000	$ 9,450	$ 30,000	$ 8,100
				$ 7,050,000	$ 705,000	$ 317,250	$ 705,000	$ 285,525	$ 705,000	$ 253,800	$ 705,000	$ 222,075	$ 705,000	$ 190,350
5	HIGHWAY (CONNECTOR/THROUGHWAYS)	STB	21	$ 1,500,000	$ 300,000	$ 67,500	$ 300,000	$ 54,000	$ 300,000	$ 40,500	$ 300,000	$ 27,000	$ 300,000	$ 13,500
				$ 1,500,000	$ 300,000	$ 67,500	$ 300,000	$ 54,000	$ 300,000	$ 40,500	$ 300,000	$ 27,000	$ 300,000	$ 13,500
5	IT: INFRASTRUCTURE IMPROVEMENTS	BE	22	$ 300,000	$ 60,000	$ 13,500	$ 60,000	$ 10,800	$ 60,000	$ 8,100	$ 60,000	$ 5,400	$ 60,000	$ 2,700
5	IT: PERMITTING/TRANSPARENCY DASHBRDS	BE	22	$ 100,000	$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700	$ 20,000	$ 1,800	$ 20,000	$ 900
5	IT: VIDEO SECURITY & ACCESS CONTROL	BE	22	$ 100,000	$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700	$ 20,000	$ 1,800	$ 20,000	$ 900
5	IT: FIBER LOOP BUILD OUT & CABLING	BE	22	$ 100,000	$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700	$ 20,000	$ 1,800	$ 20,000	$ 900
5	IT: DOCUMENT SCANNING	BE	22	$ 100,000	$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700	$ 20,000	$ 1,800	$ 20,000	$ 900
5	POLICE: AUDIO & VIDEO UPGRADES 4 CONF	BE	22	$ 64,200	$ 12,840	$ 2,889	$ 12,840	$ 2,311	$ 12,840	$ 1,733	$ 12,840	$ 1,156	$ 12,840	$ 578
5	SULLIVAN PLYGRD EQUIP, TOT, WLKWY	BR	22	$ 425,000	$ 85,000	$ 19,125	$ 85,000	$ 15,300	$ 85,000	$ 11,475	$ 85,000	$ 7,650	$ 85,000	$ 3,825
20	VICT. FLD: PHASE 3 FIELDHOUSE DESIGN	BR	22	$ 375,000	$ 18,750	$ 16,875	$ 18,750	$ 16,031	$ 18,750	$ 15,188	$ 18,750	$ 14,344	$ 18,750	$ 13,500
5	RINK: AMMONIA DETECTION SYSTEM	BR	22	$ 65,000	$ 13,000	$ 2,925	$ 13,000	$ 2,340	$ 13,000	$ 1,755	$ 13,000	$ 1,170	$ 13,000	$ 585
10	RINK BOARD REPLACEMENTS	BR	22	$ 265,000	$ 26,500	$ 11,925	$ 26,500	$ 10,733	$ 26,500	$ 9,540	$ 26,500	$ 8,348	$ 26,500	$ 7,155
				$ 1,894,200	$ 296,090	$ 85,239	$ 296,090	$ 71,915	$ 296,090	$ 58,591	$ 296,090	$ 45,267	$ 296,090	$ 31,943
5	HIGHWAY (CONNECTOR/THROUGHWAYS)	STB	22	$ 1,500,000	$ 300,000	$ 67,500	$ 300,000	$ 54,000	$ 300,000	$ 40,500	$ 300,000	$ 27,000	$ 300,000	$ 13,500
5	HIGHWAY RECONSTR	STB	22	$ 2,000,000	$ 400,000	$ 90,000	$ 400,000	$ 72,000	$ 400,000	$ 54,000	$ 400,000	$ 36,000	$ 400,000	$ 18,000
5	SIDEWALK RECONSTR	SWB	22	$ 500,000	$ 100,000	$ 22,500	$ 100,000	$ 18,000	$ 100,000	$ 13,500	$ 100,000	$ 9,000	$ 100,000	$ 4,500
				$ 4,000,000	$ 800,000	$ 180,000	$ 800,000	$ 144,000	$ 800,000	$ 108,000	$ 800,000	$ 72,000	$ 800,000	$ 36,000
5	MIDDLE: UPGRADE PHONE SYSTEM	BR	22	$ 50,000	$ 10,000	$ 2,250	$ 10,000	$ 1,800	$ 10,000	$ 1,350	$ 10,000	$ 900	$ 10,000	$ 450
10	MIDDLE: REMODEL BATHROOMS	BR	22	$ 210,000	$ 21,000	$ 9,450	$ 21,000	$ 8,505	$ 21,000	$ 7,560	$ 21,000	$ 6,615	$ 21,000	$ 5,670
15	MIDDLE: HVAC (VRF) 2ND FLOOR	BR	22	$ 650,000	$ 43,333	$ 29,250	$ 43,333	$ 27,300	$ 43,333	$ 25,350	$ 43,333	$ 23,400	$ 43,333	$ 21,450
15	MIDDLE: FIRE PROTECTION (NEW SYSTEM)	BR	22	$ 2,000,000	$ 133,333	$ 90,000	$ 133,333	$ 84,000	$ 133,333	$ 78,000	$ 133,333	$ 72,000	$ 133,333	$ 66,000
5	MIDDLE: DESIGN HVAC 1ST FLOOR	BR	22	$ 170,000	$ 34,000	$ 7,650	$ 34,000	$ 6,120	$ 34,000	$ 4,590	$ 34,000	$ 3,060	$ 34,000	$ 1,530
				$ 3,080,000	$ 241,667	$ 138,600	$ 241,667	$ 127,725	$ 241,667	$ 116,850	$ 241,667	$ 105,975	$ 241,667	$ 95,100
30	DESIGN OF NEW HIGH SCHOOL	BR	22	$ 9,798,779		$ 440,945	$ 326,626	$ 440,945	$ 326,626	$ 426,247	$ 326,626	$ 411,549	$ 326,626	$ 396,851
20	RENOV/RECONST 3 ELEM SCH BLDG	BR	22	$ 50,023,109	$ 2,501,155	$ 2,194,764	$ 2,501,155	$ 2,082,212	$ 2,501,155	$ 1,969,660	$ 2,501,155	$ 1,857,108	$ 2,501,155	$ 1,800,832
				$ 59,821,888	$ 2,501,155	$ 2,635,709	$ 2,827,781	$ 2,523,157	$ 2,827,781	$ 2,395,907	$ 2,827,781	$ 2,268,657	$ 2,827,781	$ 2,197,682
20	DESIGN NEW BLDG AT FORMER POLICE ST.	BR	23	$ 1,000,000			$ 50,000	$ 45,000	$ 50,000	$ 42,750	$ 50,000	$ 40,500	$ 50,000	$ 38,250
5	ADMIN BLDG: DESIGN MASONRY & METAL	BR	23	$ 40,000			$ 8,000	$ 1,800	$ 8,000	$ 1,440	$ 8,000	$ 1,080	$ 8,000	$ 720
5	ADMIN BLDG: DESIGN HVAC-HAU CC	BR	23	$ 120,000			$ 24,000	$ 5,400	$ 24,000	$ 4,320	$ 24,000	$ 3,240	$ 24,000	$ 2,160
5	ADMIN BLDG: DESIGN LIGHTING/ACCESS	BR	23	$ 60,000			$ 12,000	$ 2,700	$ 12,000	$ 2,160	$ 12,000	$ 1,620	$ 12,000	$ 1,080
5	ADMIN BLDG: DESIGN ROOF REP[AIRS	BR	23	$ 45,000			$ 9,000	$ 2,025	$ 9,000	$ 1,620	$ 9,000	$ 1,215	$ 9,000	$ 810
5	IT: INFRASTRUCTURE IMPROVEMENTS	BE	23	$ 300,000			$ 60,000	$ 13,500	$ 60,000	$ 10,800	$ 60,000	$ 8,100	$ 60,000	$ 5,400
5	IT: PERMITTING/TRANSPARENCY DASHBRDS	BE	23	$ 100,000			$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700	$ 20,000	$ 1,800
5	IT: VIDEO SECURITY & ACCESS CONTROL	BE	23	$ 100,000			$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700	$ 20,000	$ 1,800
5	IT: FIBER LOOP BUILD OUT & CABLING	BE	23	$ 100,000			$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700	$ 20,000	$ 1,800
5	IT: DOCUMENT SCANNING	BE	23	$ 100,000			$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700	$ 20,000	$ 1,800
5	FIRE: EAST STATION HVAC/PLUMBING	BR	23	$ 120,000			$ 24,000	$ 5,400	$ 24,000	$ 4,320	$ 24,000	$ 3,240	$ 24,000	$ 2,160
5	FIRE: EAST STATION PAINT/CARP/LIGHTING	BR	23	$ 115,000			$ 23,000	$ 5,175	$ 23,000	$ 4,140	$ 23,000	$ 3,105	$ 23,000	$ 2,070
5	FIRE: MAIN STATION INTERIOR PAINTING	BR	23	$ 50,000			$ 10,000	$ 2,250	$ 10,000	$ 1,800	$ 10,000	$ 1,350	$ 10,000	$ 900
5	LIBRARY: REPAIR CHILDREN'S ROOM WATER	BR	23	$ 125,000			$ 25,000	$ 5,625	$ 25,000	$ 4,500	$ 25,000	$ 3,375	$ 25,000	$ 2,250
20	LIBRARY: REPLACE BOILERS & PUMPS	BR	23	$ 200,000			$ 10,000	$ 9,000	$ 10,000	$ 8,550	$ 10,000	$ 8,100	$ 10,000	$ 7,650
5	LIBRARY: DESIGN/ENGINEER CHILLER & RF	BR	23	$ 50,000			$ 10,000	$ 2,250	$ 10,000	$ 1,800	$ 10,000	$ 1,350	$ 10,000	$ 900
15	DPW ADMIN. BLDG: ROOF REPLACEMENT	BR	23	$ 2,000,000			$ 133,333	$ 90,000	$ 133,333	$ 84,000	$ 133,333	$ 78,000	$ 133,333	$ 72,000
5	CEMETERY: OFF ROAD UTILITY VEH	BE	23	$ 30,000			$ 6,000	$ 1,350	$ 6,000	$ 1,080	$ 6,000	$ 810	$ 6,000	$ 540
20	PROP/BLDG: BOILER REPLACEMENT	BR	23	$ 200,000			$ 10,000	$ 9,000	$ 10,000	$ 8,550	$ 10,000	$ 8,100	$ 10,000	$ 7,650
10	PARKS: GAZEBO AT SALTONSTALL PARK	BR	23	$ 150,000			$ 15,000	$ 6,750	$ 15,000	$ 6,075	$ 15,000	$ 5,400	$ 15,000	$ 4,725
10	PARKS&FORESTRY: SWAP LOADER	BE	23	$ 200,000			$ 20,000	$ 9,000	$ 20,000	$ 8,100	$ 20,000	$ 7,200	$ 20,000	$ 6,300
20	VICT. FLD: PH 3 FIELDHOUSE ADD/RENO	BR	23	$ 4,000,000			$ 200,000	$ 180,000	$ 200,000	$ 171,000	$ 200,000	$ 162,000	$ 200,000	$ 153,000
10	VICTORY FIELD TURF REPLACEMENT	BR	23	$ 1,500,000			$ 150,000	$ 67,500	$ 150,000	$ 60,750	$ 150,000	$ 54,000	$ 150,000	$ 47,250
5	HOWE PARK: DESIGN, EQUIP. & RESURFACE	BR	23	$ 500,000			$ 100,000	$ 22,500	$ 100,000	$ 18,000	$ 100,000	$ 13,500	$ 100,000	$ 9,000

TOWN OF WATERTOWN
CIP FY 23 TO FY 27 COST ANALYSIS

			FY	COST	FY 23 PRINCIPAL	FY 23 INTEREST	FY 24 PRINCIPAL	FY 24 INTEREST	FY 25 PRINCIPAL	FY 25 INTEREST	FY 26 PRINCIPAL	FY 26 INTEREST	FY 27 PRINCIPAL	FY 27 INTEREST
15	SR CTR: ROOF REPAIRS/REPLACEMENT	BR	23	$ 150,000			$ 10,000	$ 6,750	$ 10,000	$ 6,300	$ 10,000	$ 5,850	$ 10,000	$ 5,400
5	SR CTR: EXTERIOR PAINTING	BR	23	$ 50,000			$ 10,000	$ 2,250	$ 10,000	$ 1,800	$ 10,000	$ 1,350	$ 10,000	$ 900
10	RINK ELECT ICE RESURF. MACHINE	BE	23	$ 150,000			$ 15,000	$ 6,750	$ 15,000	$ 6,075	$ 15,000	$ 5,400	$ 15,000	$ 4,725
10	RINK: REPLACEMENT OF STANDS	BR	23	$ 200,000			$ 20,000	$ 9,000	$ 20,000	$ 8,100	$ 20,000	$ 7,200	$ 20,000	$ 6,300
				$ 11,755,000	$ -	$ -	$ 1,034,333	$ 528,975	$ 1,034,333	$ 482,430	$ 1,034,333	$ 435,885	$ 1,034,333	$ 389,340
5	MT. AUBURN CORRIDOR APPR. & EASEMENTS	STB	23	$ 2,600,000			$ 520,000	$ 117,000	$ 520,000	$ 93,600	$ 520,000	$ 70,200	$ 520,000	$ 46,800
5	HIGHWAY (CONNECTOR/THROUGHWAYS)	STB	23	$ 1,500,000			$ 300,000	$ 67,500	$ 300,000	$ 54,000	$ 300,000	$ 40,500	$ 300,000	$ 27,000
5	HIGHWAY RECONSTR	STB	23	$ 2,000,000			$ 400,000	$ 90,000	$ 400,000	$ 72,000	$ 400,000	$ 54,000	$ 400,000	$ 36,000
5	SIDEWALK RECONSTR	SWB	23	$ 500,000			$ 100,000	$ 22,500	$ 100,000	$ 18,000	$ 100,000	$ 13,500	$ 100,000	$ 9,000
				$ 6,600,000	$ -	$ -	$ 1,320,000	$ 297,000	$ 1,320,000	$ 237,600	$ 1,320,000	$ 178,200	$ 1,320,000	$ 118,800
5	MIDDLE: DESIGN CRTYRD & EXT. GRNDS	BR	23	$ 120,000			$ 24,000	$ 5,400	$ 24,000	$ 4,320	$ 24,000	$ 3,240	$ 24,000	$ 2,160
5	MIDDLE: RENOVATE COURTYRD LANDSCP	BR	23	$ 275,000			$ 55,000	$ 12,375	$ 55,000	$ 9,900	$ 55,000	$ 7,425	$ 55,000	$ 4,950
15	MIDDLE: HVAC (VRF) 1ST FLOOR	BR	23	$ 945,000			$ 63,000	$ 42,525	$ 63,000	$ 39,690	$ 63,000	$ 36,855	$ 63,000	$ 34,020
30	HIGH SCHOOL: NEW BUILDING	BR	23	$ 75,000,000			$ 2,500,000	$ 3,375,000	$ 2,500,000	$ 3,262,500	$ 2,500,000	$ 3,150,000	$ 2,500,000	$ 3,037,500
				$ 76,340,000	$ -	$ -	$ 2,642,000	$ 3,435,300	$ 2,642,000	$ 3,316,410	$ 2,642,000	$ 3,197,520	$ 2,642,000	$ 3,078,630
30	BUILD NEW BUILDING AT FORMER POLICE ST	BR	24	$ 7,000,000					$ 233,333	$ 315,000	$ 233,333	$ 304,500	$ 233,333	$ 294,000
20	ADMIN BLDG: MASONRY & METAL REPAIR	BR	24	$ 500,000					$ 25,000	$ 22,500	$ 25,000	$ 21,375	$ 25,000	$ 20,250
10	ADMIN BLDG: REPLACE HVAC HAU CC	BR	24	$ 650,000					$ 65,000	$ 29,250	$ 65,000	$ 26,325	$ 65,000	$ 23,400
20	ADMIN BLDG: LIGHTING & ACCESSIBILITY	BR	24	$ 577,000					$ 28,850	$ 25,965	$ 28,850	$ 24,667	$ 28,850	$ 23,369
15	ROOF SHINGLE REPLACE/ROOF REFURBISHM	BR	24	$ 200,000					$ 13,333	$ 9,000	$ 13,333	$ 8,400	$ 13,333	$ 7,800
5	ADD EV STATIONS	BR	24	$ 90,000					$ 18,000	$ 4,050	$ 18,000	$ 3,240	$ 18,000	$ 2,430
5	IT: INFRASTRUCTURE IMPROVEMENTS	BE	24	$ 300,000					$ 60,000	$ 13,500	$ 60,000	$ 10,800	$ 60,000	$ 8,100
5	IT: PERMITTING/TRANSPARENCY DASHBRDS	BE	24	$ 100,000					$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700
5	IT: VIDEO SECURITY & ACCESS CONTROL	BE	24	$ 100,000					$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700
5	IT: FIBER LOOP BUILD OUT & CABLING	BE	24	$ 100,000					$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700
5	IT: DOCUMENT SCANNING	BE	24	$ 100,000					$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700
5	IT: MUNIS FINANCIAL SYSTEM ENHANCEMENT	BE	24	$ 100,000					$ 20,000	$ 4,500	$ 20,000	$ 3,600	$ 20,000	$ 2,700
5	FIRE: MAIN STATION CONCRETE COATING	BR	24	$ 85,000					$ 17,000	$ 3,825	$ 17,000	$ 3,060	$ 17,000	$ 2,295
5	FIRE: MAIN STATION INTERIOR REPAIRS	BR	24	$ 50,000					$ 10,000	$ 2,250	$ 10,000	$ 1,800	$ 10,000	$ 1,350
5	FIRE: MAIN STN. REPLACE EMERG GEN	BE	24	$ 90,000					$ 18,000	$ 4,050	$ 18,000	$ 3,240	$ 18,000	$ 2,430
5	FIRE: MAIN STATION KITCHEN DUCTWORK	BR	24	$ 50,000					$ 10,000	$ 2,250	$ 10,000	$ 1,800	$ 10,000	$ 1,350
5	FIRE: STATION ALERTING SYSTEM	BE	24	$ 105,000					$ 21,000	$ 4,725	$ 21,000	$ 3,780	$ 21,000	$ 2,835
20	LIBRARY REPLACE CHILLER	BR	24	$ 200,000					$ 10,000	$ 9,000	$ 10,000	$ 8,550	$ 10,000	$ 8,100
5	LIBRARY Repl. Roof Top Units/Compressors	BR	24	$ 416,300					$ 83,260	$ 18,734	$ 83,260	$ 14,987	$ 83,260	$ 11,240
5	POLICE: IN CRUISER VIDEO SYSTEM	BE	24	$ 72,600					$ 14,520	$ 3,267	$ 14,520	$ 2,614	$ 14,520	$ 1,960
5	POLICE: REPL ACCESS CONTRL BVS SERV	BE	24	$ 35,000					$ 7,000	$ 1,575	$ 7,000	$ 1,260	$ 7,000	$ 945
10	DPW: SOLAR CANOPY FRONT PRKNG LOT	BR	24	$ 1,250,000					$ 125,000	$ 56,250	$ 125,000	$ 50,625	$ 125,000	$ 45,000
10	HIGHWAY RACK TRUCK	BE	24	$ 150,000					$ 15,000	$ 6,750	$ 15,000	$ 6,075	$ 15,000	$ 5,400
10	HIGHWAY CREW TRUCK	BE	24	$ 180,000					$ 18,000	$ 8,100	$ 18,000	$ 7,290	$ 18,000	$ 6,480
10	SNOW&ICE: SALTER 6 WHEELER	BE	24	$ 300,000					$ 30,000	$ 13,500	$ 30,000	$ 12,150	$ 30,000	$ 10,800
10	PROP/BLDG: HEAVY DUTY 4X4 FORKLIFT	BE	24	$ 100,000					$ 10,000	$ 4,500	$ 10,000	$ 4,050	$ 10,000	$ 3,600
10	PARKS&FORESTRY: TREE CHIPPER	BE	24	$ 75,000					$ 7,500	$ 3,375	$ 7,500	$ 3,038	$ 7,500	$ 2,700
10	PARKS&FORESTRY: UTILITY TRUCK	BE	24	$ 65,000					$ 6,500	$ 2,925	$ 6,500	$ 2,633	$ 6,500	$ 2,340
10	BEMIS INSTALL, PLYGRD EQUIP, SPRAY	BR	24	$ 800,000					$ 80,000	$ 36,000	$ 80,000	$ 32,400	$ 80,000	$ 28,800
10	REC: SPECIAL NEEDS DIAMOND	BR	24	$ 600,000					$ 60,000	$ 27,000	$ 60,000	$ 24,300	$ 60,000	$ 21,600
5	PUB. BLDGS.: SIDEWALK SNOWBLOWER	BE	24	$ 60,000					$ 12,000	$ 2,700	$ 12,000	$ 2,160	$ 12,000	$ 1,620
5	PUB BLDG: EQUIPMENT INVENTORY SYST	BE	24	$ 150,000					$ 30,000	$ 6,750	$ 30,000	$ 5,400	$ 30,000	$ 4,050
5	SR CTR: WLKWY ENT REPAIR INCL LIGHT	BR	24	$ 50,000					$ 10,000	$ 2,250	$ 10,000	$ 1,800	$ 10,000	$ 1,350
5	SR CTR: DESIGN UPGRADE FIRE ALARM	BR	24	$ 20,000					$ 4,000	$ 900	$ 4,000	$ 720	$ 4,000	$ 540
5	RINK: ELECTRICAL PANEL UPGRADES	BR	24	$ 21,000					$ 4,200	$ 945	$ 4,200	$ 756	$ 4,200	$ 567
5	UPGRADE INTERNAL LIGHTING TO LED	BR	24	$ 30,000					$ 6,000	$ 1,350	$ 6,000	$ 1,080	$ 6,000	$ 810
5	RINK: REBUILD OF COMPRESSORS	BR	24	$ 20,000					$ 4,000	$ 900	$ 4,000	$ 720	$ 4,000	$ 540
				$ 14,791,900	$ -	$ -	$ -	$ -	$ 1,156,497	$ 665,636	$ 1,156,497	$ 613,593	$ 1,156,497	$ 561,551
5	PROP&BLDG:UNDERGROUND DUCT	BR	24	$ 300,000					$ 60,000	$ 13,500	$ 60,000	$ 10,800	$ 60,000	$ 8,100
5	HIGHWAY (CONNECTOR/THROUGHWAYS)	STB	24	$ 1,575,000					$ 315,000	$ 70,875	$ 315,000	$ 56,700	$ 315,000	$ 42,525
5	HIGHWAY RECONSTR	STB	24	$ 2,100,000					$ 420,000	$ 94,500	$ 420,000	$ 75,600	$ 420,000	$ 56,700

TOWN OF WATERTOWN
CIP FY 23 TO FY 27 COST ANALYSIS

			FY	COST	FY 23 PRINCIPAL	FY 23 INTEREST	FY 24 PRINCIPAL	FY 24 INTEREST	FY 25 PRINCIPAL	FY 25 INTEREST	FY 26 PRINCIPAL	FY 26 INTEREST	FY 27 PRINCIPAL	FY 27 INTEREST
5	SIDEWALK RECONSTR	SWB	24	$ 525,000					$ 105,000	$ 23,625	$ 105,000	$ 18,900	$ 105,000	$ 14,175
				$ 4,500,000	$ -	$ -	$ -	$ -	$ 900,000	$ 202,500	$ 900,000	$ 162,000	$ 900,000	$ 121,500
30	HIGH SCHOOL: NEW BUILDING	BR	24	$ 75,000,000					$ 2,500,000	$ 3,375,000	$ 2,500,000	$ 3,262,500	$ 2,500,000	$ 3,150,000
15	MIDDLE: HVAC (VRF) BASEMENT	BR	24	$ 72,000					$ 4,800	$ 3,240	$ 4,800	$ 3,024	$ 4,800	$ 2,808
				$ 75,072,000	$ -	$ -	$ -	$ -	$ 2,504,800	$ 3,378,240	$ 2,504,800	$ 3,265,524	$ 2,504,800	$ 3,152,808
10	ADMIN. BLDG: REPLACE FAN COIL& AHUV	BR	25	$ 1,100,000							$ 110,000	$ 49,500	$ 110,000	$ 44,550
5	ADD EV STATIONS	BR	25	$ 90,000							$ 18,000	$ 4,050	$ 18,000	$ 3,240
5	ADMIN BLDG:UPGRADE FIRE ALARM SYST.	BR	25	$ 20,000							$ 4,000	$ 900	$ 4,000	$ 720
15	UPGRADE FIRE PROTECTION SYSTEM	BR	25	$ 90,000							$ 6,000	$ 4,050	$ 6,000	$ 3,780
5	IT: INFRASTRUCTURE IMPROVEMENTS	BE	25	$ 300,000							$ 60,000	$ 13,500	$ 60,000	$ 10,800
5	IT: VIDEO SECURITY & ACCESS CONTROL	BE	25	$ 100,000							$ 20,000	$ 4,500	$ 20,000	$ 3,600
5	IT: FIBER LOOP BUILD OUT & CABLING	BE	25	$ 100,000							$ 20,000	$ 4,500	$ 20,000	$ 3,600
5	IT: DOCUMENT SCANNING	BE	25	$ 100,000							$ 20,000	$ 4,500	$ 20,000	$ 3,600
5	IT: MUNIS FINANCIAL SYSTEM ENHANCEMENT	BE	25	$ 100,000							$ 20,000	$ 4,500	$ 20,000	$ 3,600
5	IT: PUBLIC WIFI	BE	25	$ 500,000							$ 100,000	$ 22,500	$ 100,000	$ 18,000
5	FIRE: AMBULANCE	BE	25	$ 450,000							$ 90,000	$ 20,250	$ 90,000	$ 16,200
5	FIRE: MAIN & NORTH ST. APPARATUS DOORS	BR	25	$ 65,000							$ 13,000	$ 2,925	$ 13,000	$ 2,340
15	FIRE: ENGINE 1 TRUCK REPLACEMENT	BE	25	$ 785,000							$ 52,333	$ 35,325	$ 52,333	$ 32,970
15	DPW ADMIN. BLDG: ROOF REPLACEMENT	BR	25	$ 2,000,000							$ 133,333	$ 90,000	$ 133,333	$ 84,000
5	HIGHWAY: SKID STEER	BE	25	$ 65,000							$ 13,000	$ 2,925	$ 13,000	$ 2,340
10	SNOW AND ICE: LOADER 3/4 YARD	BE	25	$ 107,000							$ 10,700	$ 4,815	$ 10,700	$ 4,334
5	CEMETERY: OFF ROAD UTILITY VEH	BE	25	$ 30,000							$ 6,000	$ 1,350	$ 6,000	$ 1,080
10	FILIPPELLO (GROVE), EQUIP. & RESURFACE	BR	25	$ 600,000							$ 60,000	$ 27,000	$ 60,000	$ 24,300
5	PUB. BLDGS.: SIDEWALK SNOWBLOWER	BE	25	$ 60,000							$ 12,000	$ 2,700	$ 12,000	$ 2,160
5	PUB BLDGS: MAINTENANCE MOVE	BR	25	$ 50,000							$ 10,000	$ 2,250	$ 10,000	$ 1,800
5	PUB BLDGS: PICK UP TRUCK WITH PLOW	BE	25	$ 60,000							$ 12,000	$ 2,700	$ 12,000	$ 2,160
10	SR CTR: UPGRADE FIRE ALARM SYSTEM	BR	25	$ 200,000							$ 20,000	$ 9,000	$ 20,000	$ 8,100
5	RINK ENERGY MANAGEMENT SYST.	BE	25	$ 42,000							$ 8,400	$ 1,890	$ 8,400	$ 1,512
10	RINK ENCLOSURE OF OUTSIDE WALLS	BR	25	$ 30,000							$ 3,000	$ 1,350	$ 3,000	$ 1,215
10	RINK: REPLACE BOILERS	BR	25	$ 50,000							$ 5,000	$ 2,250	$ 5,000	$ 2,025
				$ 7,094,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 826,767	$ 319,230	$ 826,767	$ 282,026
5	HIGHWAY (CONNECTOR/THROUGHWAYS)	STB	25	$ 1,650,000							$ 330,000	$ 74,250	$ 330,000	$ 59,400
5	HIGHWAY RECONSTR	STB	25	$ 2,200,000							$ 440,000	$ 99,000	$ 440,000	$ 79,200
5	SIDEWALK RECONSTR	SWB	25	$ 550,000							$ 110,000	$ 24,750	$ 110,000	$ 19,800
				$ 4,400,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 880,000	$ 198,000	$ 880,000	$ 158,400
10	MIDDLE: REMODEL BATHROOMS	BR	25	$ 120,000							$ 12,000	$ 5,400	$ 12,000	$ 4,860
10	MIDDLE: RENOVATE BEMIS ENTRANCE	BR	25	$ 110,000							$ 11,000	$ 4,950	$ 11,000	$ 4,455
15	MIDDLE: ROOFING REFURBISHING	BR	25	$ 500,000							$ 33,333	$ 22,500	$ 33,333	$ 21,000
15	MIDDLE: HVAC (VRF) 1ST FLOOR	BR	25	$ 400,000							$ 26,667	$ 18,000	$ 26,667	$ 16,800
				$ 1,130,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 83,000	$ 50,850	$ 83,000	$ 47,115
5	ADMIN BLDG:UPGRADE FIRE ALARM SYST.	BR	26	$ 100,000									$ 20,000	$ 4,500
15	UPGRADE FIRE PROTECTION SYSTEM	BR	26	$ 500,000									$ 33,333	$ 22,500
10	ADMIN BLDG: UPGRADE LIGHTING	BR	26	$ 300,000									$ 30,000	$ 13,500
5	IT: INFRASTRUCTURE IMPROVEMENTS	BE	26	$ 300,000									$ 60,000	$ 13,500
5	IT: VIDEO SECURITY & ACCESS CONTROL	BE	26	$ 100,000									$ 20,000	$ 4,500
5	IT: FIBER LOOP BUILD OUT & CABLING	BE	26	$ 100,000									$ 20,000	$ 4,500
5	IT: DOCUMENT SCANNING	BE	26	$ 100,000									$ 20,000	$ 4,500
5	IT: PUBLIC WIFI	BE	26	$ 500,000									$ 100,000	$ 22,500
10	FIRE: PROTECTIVE OUTER GEAR	BE	26	$ 380,000									$ 38,000	$ 17,100
30	FIRE: EAST END STATION REPLACEMENT	BR	26	$ 5,000,000									$ 166,667	$ 225,000
20	LIBRARY: REPAIR/REPLACE ROOF	BR	26	$ 300,000									$ 15,000	$ 13,500
5	LIBRARY: FEAS. STDY FOR LIBRARY EXPANSI(	BR	26	$ 100,000									$ 20,000	$ 4,500
5	CENTRAL MOTORS: SUPERVISOR VEHICLE	BE	26	$ 50,000									$ 10,000	$ 2,250
10	SNOW&ICE: SALTER 6 WHEELER	BE	26	$ 320,000									$ 32,000	$ 14,400
10	PROP/BLDG: ROUGH TERRAIN FORKLIFT	BE	26	$ 95,000									$ 9,500	$ 4,275
10	LOWELL INSTALL PLYGRND EQUIP & RESURF	BR	26	$ 600,000									$ 60,000	$ 27,000

TOWN OF WATERTOWN
CIP FY 23 TO FY 27 COST ANALYSIS

			FY	COST	FY 23 PRINCIPAL	FY 23 INTEREST	FY 24 PRINCIPAL	FY 24 INTEREST	FY 25 PRINCIPAL	FY 25 INTEREST	FY 26 PRINCIPAL	FY 26 INTEREST	FY 27 PRINCIPAL	FY 27 INTEREST
5	PUB. BLDGS.: SIDEWALK SNOWBLOWER	BE	26	$ 60,000									$ 12,000	$ 2,700
5	SR CTR: REPAIR/ENHANCE BACKPORCH	BR	26	$ 50,000									$ 10,000	$ 2,250
				$ 8,955,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 676,500	$ 402,975
5	PROP&BLDG:UNDERGROUND DUCT	BR	26	$ 300,000									$ 60,000	$ 13,500
5	HIGHWAY (CONNECTOR/THROUGHWAYS)	STB	26	$ 1,725,000									$ 345,000	$ 77,625
5	HIGHWAY RECONSTR	STB	26	$ 2,300,000									$ 460,000	$ 103,500
5	SIDEWALK RECONSTR	SWB	26	$ 575,000									$ 115,000	$ 25,875
				$ 4,900,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 980,000	$ 220,500
10	MIDDLE: REPL AUD/GYM HVAC UNITS	BR	26	$ 600,000									$ 60,000	$ 27,000
5	MIDDLE: RELOCATE NURSES OFFICE	BR	26	$ 100,000									$ 20,000	$ 4,500
				$ 700,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 80,000	$ 31,500
	TOTAL PLANNED DEBT			$ 303,138,988	$ 5,840,412	$ 3,854,273	$ 11,163,371	$ 7,852,729	$ 15,724,668	$ 11,596,753	$ 17,466,435	$ 11,457,223	$ 19,202,935	$ 11,380,325
	TOTAL PERMANENT DEBT				$ 9,570,000	$ 4,146,775	$ 9,475,000	$ 3,693,394	$ 9,020,000	$ 3,254,202	$ 7,565,000	$ 2,853,326	$ 7,205,000	$ 2,497,500
	TOTAL AUTHORIZED UNISSUED DEBT				$ 1,627,895	$ 576,657	$ 1,627,895	$ 506,068	$ 1,094,562	$ 435,479	$ 1,094,562	$ 386,223	$ 1,094,562	$ 336,968
	TOTAL PLANNED DEBT (FY23 - FY 27)				$ 5,840,412	$ 3,854,273	$ 11,163,371	$ 7,852,729	$ 15,724,668	$ 11,596,753	$ 17,466,435	$ 11,457,223	$ 19,202,935	$ 11,380,325
	TOTAL				$ 17,038,307	$ 8,577,705	$ 22,266,266	$ 12,052,192	$ 25,839,230	$ 15,286,434	$ 26,125,997	$ 14,696,772	$ 27,502,497	$ 14,214,793
					$ 25,616,012		$ 34,318,458		$ 41,125,664		$ 40,822,769		$ 41,717,290	

FY 2023 - FY 2027 CIP WATER/SEWER FUNDS

	A	B	C	D	E	F	G	H	I	J	K	L	M
1			TOTALS	FY23		FY 24		FY 25		FY 26		FY 27	
2		WATER/SEWER ENTERPRISE FUNDS											
3		SEWER											
4		Sewer/Drain System Rehabilitation	4,000.0	800.0	SR	800.0	SR	800.0	SR	800.0	SR	800.0	SR
5		Stormwater & Drainage Improvements	1,500.0	300.0	SR	300.0	SR	300.0	SR	300.0	SR	300.0	SR
6	10	MWRA I & I	5,250.0	1050.0	MWRAB	1050.0	MWRAB	1050.0	MWRAB	1050.0	MWRAB	1050.0	MWRAB
7	10	Sewer System Improvements	3,750.0	750.0	SEB	750.0	SEB	750.0	SEB	750.0	SEB	750.0	SEB
8	10	35 GVW Service Truck	170.0					170.0	SEB				
9	10	Street Sweeper	0.0										
10	10	Sewer Vac	430.0			430.0	SEB						
11	10	Swap Dump Truck	190.0			190.0	SEB						
12	10	Mini - Excavator	130.0							130.0	SEB		
13		SEWER SUBTOTAL	15,420.0	2,900.0		3,520.0		3,070.0		3,030.0		2,900.0	
14													
15		WATER											
16		Water system improvements	1,000.0	200.0	WR	200.0	WR	200.0	WR	200.0	WR	200.0	WR
17	10	MWRA LWSAP	2,500.0	500.0	MWRAB	500.0	MWRAB	500.0	MWRAB	500.0	MWRAB	500.0	MWRAB
18	10	MWRA LLP	1,500.0	300.0	MWRAL	300.0	MWRAL	300.0	MWRAL	300.0	MWRAL	300.0	MWRAL
19	10	Trench Safety Box Truck	160.0							160.0	WEB		
20	5	Utility Truck	60.0	60.0	WEB								
21	10	Gate Valve/Mini Vac Truck	140.0			140.0	WEB						
22	10	Service Response Truck	170.0							170.0	WEB		
23	10	Water Vactor	450.0									450.0	WEB
24		WATER SUBTOTAL	5,980.0	1,060.0		1,140.0		1,000.0		1,330.0		1,450.0	
25													
26		TOTAL WATER & SEWER	21,400.0	3,960.0		4,660.0		4,070.0		4,360.0		4,350.0	
27													
28		STORMWATER											
29		Phase 2 MS4 Permit Management Plan	250.0	50.0	TBD	50.0	TBD	50.0	TBD	50.0	TBD	50.0	TBD
30		Phase 2 MS4 Construction/Improvements	35,400.0	100.0	TBD	100.0	TBD	100.0	TBD	100.0	TBD	35,000.0	TBD
31		Phase 2 MS4 Phosphorous Control Plan	500.0	100.0	TBD	100.0	TBD	100.0	TBD	100.0	TBD	100.0	TBD
32		STORMWATER SUBTOTAL	36,150.0	250.0		250.0		250.0		250.0		35,150.0	
33													
34		TOT. WATER, SEWER & STORMWATER	57,550.0	4,210.0		4,910.0		4,320.0		4,610.0		39,500.0	
35													
36		COSTS BY SOURCE OF FUNDS											
37	SR	SEWER REVENUE	5,500.0	1,100.0		1,100.0		1,100.0		1,100.0		1,100.0	
38	SEB	SEWER EQUIPMENT BONDS	4,670.0	750.0		1,370.0		920.0		880.0		750.0	
39	TBD	TO BE DETERMINED	36,150.0	250.0		250.0		250.0		250.0		35,150.0	
40	MWRAB	MWRA Bond - Interest Free	7,750.0	1,550.0		1,550.0		1,550.0		1,550.0		1,550.0	
41	MWRAL	MWRA LLP	1,500.0	300.0		300.0		300.0		300.0		300.0	
42	WR	WATER REVENUE	1,000.0	200.0		200.0		200.0		200.0		200.0	
43	WEB	WATER EQUIPMENT BONDS	980.0	60.0		140.0		0.0		330.0		450.0	
44		GRAND TOTAL - ENTERPRISE FUNDS	57,550.0	4,210.0		4,910.0		4,320.0		4,610.0		39,500.0	

FY 2023-2027
CIP ENTERPRISE FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
2	**SEWER PERMANENT DEBT**						
3	FY14 Refunding Bond Issue (May 14)						
4	Prin (675,000) - DPW Building		$ 67,500	$ 67,500	$ -	$ -	$ -
5	L/T Int		$ 5,063	$ 1,688	$ -	$ -	$ -
6	Subtotal		$ 72,563	$ 69,188	$ -	$ -	$ -
7							
8	FY 16 Bond (November 16)						
9	Prin (302,500) - MWRA		$ -	$ -	$ -	$ -	$ -
10	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
11	Subtotal		$ -	$ -	$ -	$ -	$ -
12							
13	FY 18 Bond (January 18)						
14	Prin (565,550) - Various Equipment		$ 60,000	$ 50,000	$ 50,000	$ 45,000	$ 45,000
15	L/T Int		$ 11,800	$ 9,400	$ 7,400	$ 5,400	$ 3,600
16	Subtotal		$ 71,800	$ 59,400	$ 57,400	$ 50,400	$ 48,600
17							
18	FY 18 Bond (February 18)						
19	Prin (288,200) - MWRA		$ 57,640	$ -	$ -	$ -	$ -
20	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
21	Subtotal		$ 57,640	$ -	$ -	$ -	$ -
22							
23	FY18 Bond (March 19)						
24	Prin (262,500) - MWRA		$ 26,250	$ 26,250	$ 26,250	$ 26,250	$ 26,250
25	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
26	Subtotal		$ 26,250	$ 26,250	$ 26,250	$ 26,250	$ 26,250
27							
28	FY 19 Bond (June 19)						
29	Prin (139,000) - Various Equipment		$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
30	L/T Int		$ 4,500	$ 3,750	$ 3,000	$ 2,250	$ 1,500
31	Subtotal		$ 19,500	$ 18,750	$ 18,000	$ 17,250	$ 16,500
32							
33	FY19 Bond (December 19)						
34	Prin (262,500) - MWRA		$ 26,250	$ 26,250	$ 26,250	$ 26,250	$ 26,250
35	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
36	Subtotal		$ 26,250	$ 26,250	$ 26,250	$ 26,250	$ 26,250
37							
38	FY20 Bond (June 21)						
39	Prin (262,500) - MWRA		$ 26,250	$ 26,250	$ 26,250	$ 26,250	$ 26,250
40	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
41	Subtotal		$ 26,250	$ 26,250	$ 26,250	$ 26,250	$ 26,250
42							
43	**SEWER PERMANENT DEBT**						
44	Prin		$ 278,890	$ 211,250	$ 143,750	$ 138,750	$ 138,750
45	L/T Int		$ 21,363	$ 14,838	$ 10,400	$ 7,650	$ 5,100
46	**TOTAL SEWER PERMANENT DEBT**		**$ 300,253**	**$ 226,088**	**$ 154,150**	**$ 146,400**	**$ 143,850**
47							
48	**SEWER AUTHORIZED UNISSUED DEBT**						
49	FY18 Bond (June 18)						
50	Prin (160,000) See schedule		$ 16,000	$ 16,000	$ 16,000	$ 16,000	$ 16,000
51	L/T Int (4.5%)		$ 6,480	$ 5,760	$ 5,040	$ 4,320	$ 3,600
52	Subtotal		$ 22,480	$ 21,760	$ 21,040	$ 20,320	$ 19,600
53							

FY 2023-2027
CIP ENTERPRISE FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
54	Prin		$ 16,000	$ 16,000	$ 16,000	$ 16,000	$ 16,000
55	L/T Int		$ 6,480	$ 5,760	$ 5,040	$ 4,320	$ 3,600
56	**TOTAL SEWER AUTHORIZED UNISSUED DEBT**		**$ 22,480**	**$ 21,760**	**$ 21,040**	**$ 20,320**	**$ 19,600**
57							
58	**SEWER PLANNED DEBT**						
59	FY19 Bond (June 21)						
60	Prin (270,000) - Heavy Crane		$ 27,000	$ 27,000	$ 27,000	$ 27,000	$ 27,000
61	L/T Int (0%)		$ 12,150	$ 10,935	$ 9,720	$ 8,505	$ 7,290
62	Subtotal		$ 39,150	$ 37,935	$ 36,720	$ 35,505	34,290
63							
64	FY21 Bond (June 21)						
65	Prin (262,500) - MWRA		$ 26,250	$ 26,250	$ 26,250	$ 26,250	$ 26,250
66	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
67	Subtotal		$ 26,250	$ 26,250	$ 26,250	$ 26,250	$ 26,250
68							
69	FY22 Bond (June 22)						
70	Prin (1,000,000) - See Schedule		$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000
71	L/T Int (4.5%)		$ 45,000	$ 40,500	$ 36,000	$ 31,500	$ 27,000
72	Subtotal		$ 145,000	$ 140,500	$ 136,000	$ 131,500	127,000
73							
74	FY22 Bond (June 22)						
75	Prin (262,500) - MWRA		$ 26,250	$ 26,250	$ 26,250	$ 26,250	$ 26,250
76	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
77	Subtotal		$ 26,250	$ 26,250	$ 26,250	$ 26,250	$ 26,250
78							
79	FY23 Bond (June 23)						
80	Prin (750,000) - See Schedule		$ -	$ 75,000	$ 75,000	$ 75,000	$ 75,000
81	L/T Int (4.5%)		$ -	$ 33,750	$ 30,375	$ 27,000	$ 23,625
82	Subtotal		$ -	$ 108,750	$ 105,375	$ 102,000	98,625
83							
84	FY23 Bond (June 23)						
85	Prin (1,050,000) - MWRA		$ -	$ 105,000	$ 105,000	$ 105,000	$ 105,000
86	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
87	Subtotal		$ -	$ 105,000	$ 105,000	$ 105,000	$ 105,000
88							
89	FY24 Bond (June 24)						
90	Prin (1,370,000) - See Schedule		$ -	$ -	$ 137,000	$ 137,000	$ 137,000
91	L/T Int (4.5%)		$ -	$ -	$ 61,650	$ 55,485	$ 49,320
92	Subtotal		$ -	$ -	$ 198,650	$ 192,485	$ 186,320
93							
94	FY24 Bond (June 24)						
95	Prin (1,050,000) - MWRA		$ -	$ -	$ 105,000	$ 105,000	$ 105,000
96	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
97	Subtotal		$ -	$ -	$ 105,000	$ 105,000	$ 105,000
98							
99	FY25 Bond (June 25)						
100	Prin (920,000) - See Schedule		$ -	$ -	$ -	$ 92,000	$ 92,000
101	L/T Int (4.5%)		$ -	$ -	$ -	$ 41,400	$ 37,260
102	Subtotal		$ -	$ -	$ -	$ 133,400	$ 129,260
103							
104	FY25 Bond (June 25)						
105	Prin (1,050,000) - MWRA		$ -	$ -	$ -	$ 105,000	$ 105,000
106	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
107	Subtotal		$ -	$ -	$ -	$ 105,000	$ 105,000

FY 2023-2027
CIP ENTERPRISE FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
108							
109	FY26 Bond (June 26)						
110	Prin (880,000) - See Schedule		$ -	$ -	$ -	$ -	$ 88,000
111	L/T Int (4.5%)		$ -	$ -	$ -	$ -	$ 39,600
112	Subtotal		$ -	$ -	$ -	$ -	$ 127,600
113							
114	**SEWER PLANNED DEBT**						
115	Prin		$ 179,500	$ 359,500	$ 601,500	$ 798,500	$ 886,500
116	L/T Int		$ 57,150	$ 85,185	$ 137,745	$ 163,890	$ 184,095
117	**TOTAL SEWER PLANNED DEBT**		**$ 236,650**	**$ 444,685**	**$ 739,245**	**$ 962,390**	**$ 1,070,595**
118							
119	**SEWER PERMANENT, AUTH. UNISSUED AND PLANNED DEBT**						
120	Prin		$ 474,390	$ 586,750	$ 761,250	$ 953,250	$ 1,041,250
121	L/T Int		$ 84,993	$ 105,783	$ 153,185	$ 175,860	$ 192,795
122	**TOTAL SEWER PERMANENT, AUTH. UNISSUED AND PLANNED DEBT**		**$ 559,383**	**$ 692,533**	**$ 914,435**	**$ 1,129,110**	**$ 1,234,045**
123							
124	**WATER PERMANENT DEBT**						
125	FY13 Bond (June 13)						
126	Prin (1,500,000) - MWRA		$ 150,000	$ -	$ -	$ -	$ -
127	L/T Int		$ -	$ -	$ -	$ -	$ -
128	Subtotal		$ 150,000	$ -	$ -	$ -	$ -
129							
130	FY14 Refunding Bond Issue (May 14)						
131	Prin (675,000) - DPW Building		$ 67,500	$ 67,500	$ -	$ -	$ -
132	L/T Int		$ 5,063	$ 1,688	$ -	$ -	$ -
133	Subtotal		$ 72,563	$ 69,188	$ -	$ -	$ -
134							
135	FY15 Bond (August 15)						
136	Prin (900,000) MWRA LWSAP		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ -
137	L/T Int		$ -	$ -	$ -	$ -	$ -
138	Subtotal		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ -
139							
140	FY15 Bond (April 16)						
141	Prin (140,000) See Schedule		$ 15,000	$ 15,000	$ 15,000	$ -	$ -
142	L/T Int		$ 1,350	$ 900	$ 450	$ -	$ -
143	Subtotal		$ 16,350	$ 15,900	$ 15,450	$ -	$ -
144							
145	FY 16 Bond (November 16)						
146	Prin (500,000) MWRA LWSAP		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
147	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
148	Subtotal		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
149							
150	FY 18 Bond (January 18)						
151	Prin (164,450) - Backhoe		$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
152	L/T Int		$ 3,600	$ 3,000	$ 2,400	$ 1,800	$ 1,200
153	Subtotal		$ 18,600	$ 18,000	$ 17,400	$ 16,800	$ 16,200
154							
155							
156							
157	FY 18 Bond (February 18)						
158	Prin (478,000) - MWRA		$ 47,800	$ 47,800	$ 47,800	$ 47,800	$ 47,800
159	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
160	Subtotal		$ 47,800	$ 47,800	$ 47,800	$ 47,800	$ 47,800
161							

FY 2023-2027
CIP ENTERPRISE FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
162	FY18 Bond (March 19)						
163	Prin (500,000) MWRA LWSAP		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
164	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
165	Subtotal		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
166							
167	FY 19 Bond (June 19)						
168	Prin (181,500) - Various Equipment		$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 15,000
169	L/T Int		$ 6,000	$ 5,000	$ 4,000	$ 3,000	$ 2,000
170	Subtotal		$ 26,000	$ 25,000	$ 24,000	$ 23,000	$ 17,000
171							
172	FY19 Bond (February 20)						
173	Prin (500,000) - MWRA		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
174	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
175	Subtotal		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
176							
177	FY20 Bond (June 21)						
178	Prin (500,000) - MWRA		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
179	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
180	Subtotal		$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
181							
182	FY20 Bond (June 21)						
183	Prin (600,000) - MWRA		$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000
184	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
185	Subtotal		$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000
186							
187							
188	**WATER PERMANENT DEBT**						
189	Prin		$ 625,300	$ 475,300	$ 407,800	$ 392,800	$ 337,800
190	L/T Int		$ 16,013	$ 10,588	$ 6,850	$ 4,800	$ 3,200
191	**TOTAL WATER PERMANENT DEBT**		**$ 641,313**	**$ 485,888**	**$ 414,650**	**$ 397,600**	**$ 341,000**
192							
193	**WATER AUTHORIZED UNISSUED DEBT**						
194	FY18 Bond (June 18)						
195	Prin (210,000) See Schedule		$ 21,000	$ 21,000	$ 21,000	$ 21,000	$ 21,000
196	L/T Int (4.5%)		$ 9,450	$ 8,505	$ 7,560	$ 6,615	$ 5,670
197	Subtotal		$ 30,450	$ 29,505	$ 28,560	$ 27,615	$ 26,670
198							
199	FY21 Bond (October 21)						
200	Prin (4,733,900) See Schedule		$ 473,390	$ 473,390	$ 473,390	$ 473,390	$ 473,390
201	L/T Int (4.5%)		$ 213,026	$ 191,723	$ 170,420	$ 149,118	$ 127,815
202	Subtotal		$ 686,416	$ 665,113	$ 643,810	$ 622,508	$ 601,205
203							
204	**WATER AUTHORIZED UNISSUED DEBT**						
205	Prin		$ 494,390	$ 494,390	$ 494,390	$ 494,390	$ 494,390
206	L/T Int		$ 222,476	$ 200,228	$ 177,980	$ 155,733	$ 133,485
207	**TOTAL WATER AUTHORIZED UNISSUED DEBT**		**$ 716,866**	**$ 694,618**	**$ 672,370**	**$ 650,123**	**$ 627,875**
208							
209	**WATER PLANNED BOND DEBT**						
210	FY21 Bond (June 21)						
211	Prin (800,000) MWRA LWSAP & LLP		$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000
212	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
213	Subtotal		$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000
214							

FY 2023-2027
CIP ENTERPRISE FUND DEBT PROJECTION

	A	B	C	D	E	F	G
1			FY'23	FY'24	FY'25	FY'26	FY'27
215	FY22 Bond (June 22)						
216	Prin (800,000) MWRA LWSAP & LLP		$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000
217	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
218	Subtotal		$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000
219							
220	FY23 Bond (June 23)						
221	Prin (800,000) MWRA LWSAP & LLP		$ -	$ 80,000	$ 80,000	$ 80,000	$ 80,000
222	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
223	Subtotal		$ -	$ 80,000	$ 80,000	$ 80,000	$ 80,000
224							
225	FY23 Bond (June 23)						
226	Prin (60,000) Truck		$ -	$ 12,000	$ 12,000	$ 12,000	$ 12,000
227	L/T Int (4.5.%)		$ -	$ 2,700	$ 2,160	$ 1,620	$ 1,080
228	Subtotal		$ -	$ 14,700	$ 14,160	$ 13,620	$ 13,080
229							
230	FY24 Bond (June 24)						
231	Prin (800,000) MWRA LWSAP & LLP		$ -	$ -	$ 80,000	$ 80,000	$ 80,000
232	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
233	Subtotal		$ -	$ -	$ 80,000	$ 80,000	$ 80,000
234							
235	FY24 Bond (June 24)						
236	Prin (140,000) Truck		$ -	$ -	$ 14,000	$ 14,000	$ 14,000
237	L/T Int (4.5.%)		$ -	$ -	$ 6,300	$ 5,670	$ 5,040
238	Subtotal		$ -	$ -	$ 20,300	$ 19,670	19,040
239							
240	FY25 Bond (June 25)						
241	Prin (800,000) MWRA LWSAP & LLP		$ -	$ -	$ -	$ 80,000	$ 80,000
242	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
243	Subtotal		$ -	$ -	$ -	$ 80,000	$ 80,000
244							
245	FY26 Bond (June 26)						
246	Prin (800,000) MWRA LWSAP & LLP		$ -	$ -	$ -	$ -	$ 80,000
247	L/T Int (0%)		$ -	$ -	$ -	$ -	$ -
248	Subtotal		$ -	$ -	$ -	$ -	$ 80,000
249							
250	FY26 Bond (June 26)						
251	Prin (330,000) 2 Trucks		$ -	$ -	$ -	$ -	$ 33,000
252	L/T Int (4.5.%)		$ -	$ -	$ -	$ -	$ 14,850
253	Subtotal		$ -	$ -	$ -	$ -	$ 47,850
254							
255	**WATER PLANNED DEBT**						
256	Prin		$ 160,000	$ 252,000	$ 346,000	$ 426,000	$ 539,000
257	L/T Int		$ -	$ 2,700	$ 8,460	$ 7,290	$ 20,970
258	**TOTAL WATER PLANNED DEBT**		**$ 160,000**	**$ 254,700**	**$ 354,460**	**$ 433,290**	**$ 559,970**
259							
260	**WATER PERMANENT, AUTH. UNISSUED AND PLANNED DEBT**						
261	Prin		$ 1,279,690	$ 1,221,690	$ 1,248,190	$ 1,313,190	$ 1,371,190
262	L/T Int		$ 238,489	$ 213,516	$ 193,290	$ 167,823	$ 157,655
263	**TOTAL WATER PERMANENT, AUTH. UNISSUED AND PLANNED DEBT**		**$ 1,518,179**	**$ 1,435,206**	**$ 1,441,480**	**$ 1,481,013**	**$ 1,528,845**
264							
265	**TOTAL WATER AND SEWER DEBT**						
266	Long Term Principal		$ 1,754,080	$ 1,808,440	$ 2,009,440	$ 2,266,440	$ 2,412,440
267	Long Term Interest		$ 323,481	$ 319,298	$ 346,475	$ 343,683	$ 350,450
268	**TOTAL WATER AND SEWER DEBT**		**$ 2,077,561**	**$ 2,127,738**	**$ 2,355,915**	**$ 2,610,123**	**$ 2,762,890**