



Watertown City Council

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

ELECTED OFFICIALS:

Mark S. Sideris,
Council President

Vincent J. Piccirilli, Jr.,
Vice President &
District C Councilor

John M. Airasian,
Councilor At Large

Caroline Bays,
Councilor At Large

John G. Gannon,
Councilor At Large

Anthony Palomba,
Councilor At Large

Nicole Gardner,
District A Councilor

Lisa J. Feltner,
District B Councilor

Emily Izzo,
District D Councilor

Committee of the Budget and Fiscal Oversight **Report of the Meetings of February 22, March 1, and March 7, 2023** **Report Date: March 14, 2023**

The purpose of these meetings was to review Watertown's FY2024-FY2028 Capital Improvement Program (CIP) dated January 24, 2023 as submitted by the City Manager to the City Council, and to make conceptual recommendations to the City Council. (see <https://portal.laserfiche.com/Portal/DocView.aspx?id=20179&repo=r-5ece5628>)

The meeting on March 7 also included a recommendation on Chapter 269 of the Acts of 2022 for a Cost-of-Living Adjustment for Retirees.

The Committee convened on Wednesday February 22 at 6:00 pm in the Louis P. Andrews Upper Conference Room. Present were Vincent Piccirilli, Chair; Emily Izzo, Vice Chair and Nicole Gardner, Secretary. Staff present were City Manager George Proakis, Deputy City Manager Emily Monea, City Auditor/Assistant City Manager Thomas Tracy (recently retired but working part-time), and Recreation Director Peter Centola. Also present were Councilors Caroline Bays, John Gannon, and Anthony Palomba, and School Committee Member David Stokes.

Mr. Proakis began by reviewing the highlights in the submitted CIP. The Water & Sewer Enterprise Fund CIP is still being worked on and will be submitted at the next meeting.

Next, Mr. Tracy reviewed the FY24 and FY25 departmental CIP requests, for discussion by the Committee. All departments were covered except for the School Department and the Department of Public Works, which will be covered at the next meeting.

The meeting adjourned at 8:05 pm.

The Committee reconvened on Wednesday, March 1 at 6:00 pm in the Louis P. Andrews Upper Conference Room. Present were Mr. Piccirilli, Ms. Izzo and Ms. Gardner. Staff present were Mr. Proakis, Ms. Monea, Mr. Tracy, Treasurer/Collector Melissa Morrissey, Public Buildings Director James Kane, DPW Superintendent Gregory St. Louis, DPW Director of Administration & Finance Thomas Watkins, and Water/Sewer Management Analyst Megan Langan, School Superintendent Dede Galdston, and WPS Director of Finance & Operations Heidi Perkins. Also present were Councilor Caroline Bays, School Committee Member David Stokes, and resident David Gardner.

The School Department was first, with Dr. Galdston giving an introduction. Mr. Kane gave a presentation on the School Department CIP requests (Attachment A). Next, Mr. Proakis explained his rationale for spreading out the School CIP requests through FY28 to smooth out the annual financing and prevent a large spike in capital spending in FY24. Ms. Perkins gave an explanation between the School CIP voted by the School Committee (Attachment B) and what the Manager put in the final CIP, and discussed the School Department strategy to complete high-priority projects in FY24 with alternate

funds, which are detailed in recommendation #23 below. Finally, Ms. Perkins discussed a memo (Attachment C) about the transfer of leftover School CIP funds to the High School Capital Fund.

The Department of Public Works came next. Mr. St. Louis gave a presentation on the DPW CIP requests (Attachment D). Mr. Tracy distributed the FY2024-FY2028 Water & Sewer Enterprise Fund CIP (Attachment E). Mr. St. Louis noted that the Sewer/Drain System Projects (Line 9) and Water System Projects Line 23), at \$1,250,000 per year TBD, were shovel-ready projects that could be done with ARPA funds or other grant opportunities.

The meeting adjourned at 8:08 pm.

The Committee reconvened on Tuesday, March 7 at 6:00 pm in the Louis P. Andrews Upper Conference Room. Present were Mr. Piccirilli, Ms. Izzo and Ms. Gardner. Staff present were Mr. Proakis, Ms. Monea, Mr. Tracy, Ms. Morrissey, and Ms. Langan. Also present were Councilors Lisa Feltner and Anthony Palomba, and School Committee Member David Stokes.

The Committee continued discussions on the CIP. Mr. Piccirilli distributed a draft of recommendations to the Committee which included all prior discussions. Mr. Tracy noted that several prior year loan orders were revised with higher numbers to take into account inflation, and these were numbers that were included in the financing spreadsheets. The Committee reviewed and revised them and agreed on the final recommendations as follows:

1. Confirm the prior recommendation to proceed with the FY17 proposed loan order, now revised to \$1,125,000, for improvements to the Casey Park baseball area (was previously \$950,000 with 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 an informational presentation to the City Council, for construction in Summer 2024.
2. Confirm the prior recommendation to proceed with the FY17 loan order, now revised to \$5,000,000, for Victory Field Phase 2 (was previously \$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, and further, with a final community meeting to review the 75% design, for construction in Spring/Summer 2024.
3. 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, subject to the upcoming Watertown Square Study.
4. 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 an informational presentation to the City Council, for construction in Summer 2024.
5. Confirm the prior recommendation to proceed with the FY20 proposed loan order for \$3,000,000 for the Community Path Construction from Linear Park to Taylor St, subject to the design process outlined in recommendation #3 above, for construction in 2024.

6. Confirm the prior recommendation to proceed with the FY21 revised proposed loan order for \$5,835,000 (\$6,350,000 - \$992,000 savings for pre-purchase of play equipment) for renovations of Arsenal Park Phase B, now that the design has the final approval by the Conservation Commission, with a portion of the proposed loan order to be offset by developer mitigation funds, for construction in Fall 2023/Spring 2024.
7. Confirm the prior recommendation to proceed with the FY21 proposed loan order, now \$700,000, for Filippello Spray Park Renovations (was previously \$400,000), for construction in Summer 2023.
8. Confirm the prior recommendation to proceed with the FY22 proposed loan order or transfer of funds for Various School Improvements in the Middle School for \$3,080,000 consisting of:
 - Upgrade phone system @ 50,000 (see recommendation #23 below)
 - Remodel bathrooms (8) @ 210,000
 - Second floor air-conditioning @ 650,000
 - New fire protection system @ 2,000,000
 - First floor air-conditioning @ 170,000
9. Confirm the prior recommendation to proceed with the FY22 proposed loan order, now \$2,000,000, for connector roads/longer street projects (was previously \$1,500,000), in accordance with the Public Works Committee report approved by the City Council on December 13, 2022 to reconstruct Morse St, for construction in 2023.
10. Confirm the prior recommendation to proceed with the FY22 proposed loan order, now \$700,000, for Sullivan Playground Improvements to tot lot and walkways (was previously \$425,000), subject to the condition that the Recreation Department shall hold community meetings to develop a design proposal and have an informational presentation to the City Council, for construction in Summer 2026.
11. Confirm the prior recommendation to proceed with the FY22 \$375,000 proposed loan order for Victory Field Phase 3 Fieldhouse Design, subject to the condition that the Recreation Department shall hold community meetings to develop a design proposal and have an informational presentation to the City Council, for construction in Summer 2026.
12. Confirm the prior recommendation to proceed with the FY22 \$265,000 proposed loan order for Skating Rink Boards and Glass Replacement, for construction in 2023.
13. Proceed with the FY23 \$265,000 proposed loan order for Administration Building Improvements, consisting of:
 - Design - Masonry & Metal Repairs by Door Entrances @ 40,000
 - Design - Replace HVAC HAU-1 above Council Chambers @ 120,000
 - Design – Lighting Fixtures & Accessibility Issues @ 60,000
 - Design – Roof Shingle Replacement/Roof Refurbishment @ 45,000
14. Proceed with the FY23 \$500,000 proposed loan order for Information Technology, consisting of:
 - Infrastructure Improvements @ 300,000

- Permitting and Transparency Dashboards @ 100,000
 - Document Scanning @ 100,000
15. Proceed with the FY23 \$325,000 proposed loan order for Library Improvements, consisting of:
- Water Infiltration Repairs Children's Room @ 125,000
 - Replace Boilers and Pumps @ 200,000
16. Proceed with the FY23 \$2,230,000 proposed loan order for DPW Projects and Equipment, consisting of:
- Roof Replacement @ 2,000,000
 - Cemetery Off Road Vehicle 4x4 @ 30,000
 - Water Heater Replacement @ 200,000 (previous mis-labeled as boiler)
17. Proceed with the FY23 \$4,000,000 proposed loan order for Victory Field Phase 3 Fieldhouse Renovation, subject to the design process outlined in recommendation #11 above, for construction in Summer 2026.
18. Proceed with the FY23 proposed loan order for \$500,000 for the How Park new playground equipment and resurfacing, subject to the condition Recreation Department shall hold community meetings to develop a design proposal and have an informational presentation to the City Council, for construction in Summer 2025. (note this was misspelled as Howe Park)
19. Confirm the previous recommendation, in consideration of the ongoing Master Plan/Feasibility Study for the Phillips School/Senior Center site that any capital improvements to the Phillips School/Senior Center should be placed on hold.
20. Proceed with the FY23 \$200,000 proposed loan order for Skating Rink Replacement of Stands (ADA), for construction in 2023.
21. Confirm the prior recommendation to proceed with the School Department's FY23 proposed loan order for Improvements in the Middle School for \$1,340,000 consisting:
- Design Courtyard & Exterior Grounds Landscape @ 120,000
 - Renovate Courtyard & Exterior Grounds Landscape @ 275,000
 - First floor HVAC @ 945,000
22. Proceed with the School Department's FY24 capital appropriation request of \$557,000 for projects as shown in the CIP as follows:
- \$390,000 for various items to be funded with tax revenues, consisting of:
 - i. Cunniff Audio System in Cafetorium @ 50,000
 - ii. Hosmer Audio System in Cafetorium @ 50,000
 - iii. Middle School classroom furniture @ 25,000
 - iv. Middle School paint hallways & classrooms @ 40,000
 - v. Middle School upgrade camera system @ 50,000
 - vi. Middle School classroom shades @ 15,000
 - vii. Middle School Design Roof Refurbishing @ 50,000
 - viii. Middle School Repair Carpet Damage @ 40,000
 - ix. High School furniture @ 25,000

- x. Phillips School furniture/equipment/furnishings @15,000
 - xi. District update food service equipment @ 30,000
 - A proposed loan order for Various School Improvements for \$167,000 consisting:
 - i. Middle School Design HVAC (VRF) Basement @ 72,000
 - ii. District security systems enhancements @ 95,000
23. Concur with the School Department's plan to address the gap between what the School Committee voted for projects to be funded in FY24, and what the Manager moved to future Fiscal Years in order to smooth out the capital spending peak that would occur in FY24:
- Cunniff and Hosmer Wallpaper/Decals in Stairway Walls (#191 \$30K, #200 \$30K moved to FY26): the School Department will see what capital or operating funds remain at the end of FY23, and will try to perform this work in FY24 with those funds.
 - Cunniff and Hosmer Cell Communications Enhancements (#192 \$35K, #203 \$35K moved to FY27): the School Department will use operating funds remaining at the end of FY23, and will perform this work in FY24.
 - Hosmer Swing Gate at the North Parking Lot (#202 \$40K, moved to FY25): the School Department will repurpose the FY22 proposed loan order for \$50K for the Middle School phone system upgrade (see recommendation # 8 above), and will perform this work in FY24, with a request for a community meeting beforehand.
 - Middle School Soundproofing Lower Gym (#228 \$110K, moved to FY28): the School Department will use money left over from various FY22 capital projects to perform this work in FY24.
 - Middle School Portable Wall Dividers (#226 \$25K, moved to FY27): the School Department will use operating funds remaining at the end of FY23, and will perform this work in FY24.
24. For the High School MSBA Project: the \$198,844,252 loan order was approved on March 22, 2022, with the MSBA Estimated Grant reimbursement of \$44,283,365. With the General Contractor bids due May 3, 2023, there is a potential that total price will be higher than the budget, and an additional loan order or transfer of funds will be needed for the project.
25. Proceed with the FY24 \$1,000,000 proposed loan order for demolition of the Former Police Station, subject to the upcoming Watertown Square Study.
26. Proceed with the FY24 \$1,150,000 proposed loan orders for Administration Building Renovation Projects, consisting of:
- Masonry & Metal Repairs by Door Entrances @ 500,000
 - Replace HVAC HAU-1 above Council Chambers @ 650,000
27. Proceed with the FY24 \$1,275,000 proposed loan orders for Parker Annex Renovation Projects, consisting of:
- Replace Main Electrical Service @ 100,000
 - Install Building Generator @ 300,000
 - Point/Repair Masonry Façade @ 125,000
 - Install Fire Suppression System @ 750,000

28. Proceed with the FY24 \$1,400,000 proposed loan orders for Information Technology, consisting of:
- Infrastructure Improvements @ 300,000
 - Permitting and Transparency Dashboards @ 150,000
 - Document Scanning @ 200,000
 - MUNIS System Enhancements @ 150,000
 - IT Governance @ 100,000
 - Parker Annex Technology @ 500,000
29. Proceed with the FY24 \$557,000 proposed loan orders for the Fire Department, consisting of:
- East End Fire Station HVAC/Plumbing @ 126,000
 - East End Fire Station Painting-Carpet-Lighting @ 121,000
 - Main Station Interior Repairs @ 100,000
 - Main Station Emergency Generator Replacement @ 90,000
 - Station Alerting System @ 120,000
30. Proceed with the FY24 \$786,300 proposed loan order for Library Improvements, consisting of:
- Design/Engineer Chiller & Roof Top Units @ 50,000
 - Design Heating System & Controls Replacement @120,000
 - Replace Chiller @ 200,000
 - Replace Roof Top Units/Compressors @ 416,300
31. Proceed with the FY24 \$37,000 proposed loan order or transfer of funds for the Police Department, to Replace Access Control/Building Video System Servers.
32. Proceed with the FY24 \$2,610,000 proposed loan orders for the DPW Department, consisting of:
- Solar Canopy DPW Parking Lot @ 1,250,000
 - Add EV Stations @ 90,000
 - Highway Rack Truck @ 150,000
 - Highway Crew Truck @ 180,000
 - Salter 6 Wheel Snow Fighter @ 300,000
 - Salt Shed Repair @ 400,000
 - Heavy Duty 4x4 Forklift @ 100,000
 - Tree Chipper @ 75,000
 - Parks & Forestry Utility Truck @ 65,000
33. Proceed with the FY24 \$650,000 proposed loan order for Lowell Playground Equipment and Resurfacing, subject to the condition that the Recreation Department shall hold community meetings to develop a design proposal and have an informational presentation to the City Council, for construction in Summer 2024.
34. Proceed with the FY24 \$171,000 proposed loan orders for Skating Rink, consisting of:
- Electric Ice Resurfacing Machine @ 150,000
 - Electric Panel Upgrade @ 21,000

35. Proceed with the FY23 proposed loan order, now revised to \$2,000,000, for connector roads/longer street projects (was previously \$1,500,000), in accordance with the Public Works Committee report approved by the City Council on December 13, 2022 for repair of Fifth Avenue and related work on Watertown Street, for construction in 2024.
36. Proceed with the FY24 \$2,000,000 proposed loan order for Land Acquisition for Storage and Staging for the Mt. Auburn St Reconstruction project.
37. Refer to the Public Works Committee, for policy guidance, plans for the FY24 \$2,625,000 proposed loan order (FY24 CIP Lines 317 & 322) for local road construction projects in the summer of 2024), in accordance with Resolution 2013-76 *Watertown's Ongoing Capital Project Budget Guidelines*.
38. Proceed with the FY24 \$2,100,000 proposed loan order for connector roads/longer street projects, in accordance with the Public Works Committee report approved by the City Council on December 13, 2022 for repair of Forest and Springfield Streets, for construction in 2025.
39. Proceed with the FY24 \$300,000 proposed loan order for Underground Ducts for Utilities.
40. Concur with the Administration's decision to move the FY23 MWRA Sewer Inflow & Infiltration Local Financial Assistance Program for \$1,050,000 interest-free loan order to FY25.
41. Proceed with the FY24 Water/Sewer proposed MWRA loan orders:
 - Sewer Inflow & Infiltration Local Financial Assistance Program for \$1,320,000 consisting of a \$990,000 grant and a 330,000 interest-free loan.
 - Local Water System Assistance Program \$500,000 interest-free loan to replace outdated unlined cast iron water mains.
 - Local Water System Assistance Program \$300,000 interest-free loan to replace lead service lines.
42. Re-confirm the prior recommendation to proceed with the FY19 proposed Sewer Enterprise Fund loan order for \$270,000 for a Heavy-duty Crane.
43. Proceed with FY24 \$1,370,000 Sewer proposed loan orders:
 - Sewer System Improvements @ 750,000
 - Sewer Vac @ 430,000
 - Swap Dump Truck @ 190,000.

Next, the Committee discussed the summary of total capital spending for FY24. Mr. Proakis & Mr. Tracy provided the following numbers:

Three Elementary School Project (related Debt Service)	11,662,830
High School Project (related Debt Service)	5,206,738
Total Building for the Future FY24 capital spending:	16,869,568
All other FY24 capital spending (Debt Service + Transfer to Cap Proj)	17,890,526
The total FY24 estimated capital spending:	34,760,094

FY24 revenue projection in the October 11, 2022 Preliminary Budget Overview:	186,807,238
Current FY24 Local Aid estimate increase (15,961,662 - 14,435,775)	1,525,887
Revised FY24 revenue projection:	188,333,125

Based on the revised FY24 revenue projection, the total proposed FY24 capital spending would be 18.46% of the operating budget, or 9.5% without the “Building for the Future” initiative.

Mr. Proakis stated that this is more than the Budget Policy of 7.5-8% of the operating budget, because of an unusual set of circumstances coming together in FY24. With further discussion, there was agreement that for FY24, the Committee would recommend between 7.5-9.75%.

Finally, Mr. Tracy provided the General Fund Debt Financing (Attachment F) and the CIP FY24 to FY28 Cost Analysis (Attachment G) which were used to calculate the total capital spending. The Water & Sewer Enterprise Debt Financing was provided after the meeting (Attachment H).

- ➔ **ACTION ITEM** - Councilor Gardner made a motion, seconded by Councilor Izzo, to ask the City Council to adopt the above 43 conceptual recommendations. Voted 3-0
- ➔ **ACTION ITEM:** Councilor Gardner made a motion, seconded by Councilor Izzo, to ask the City Council to recommend that the City Manager maintain the FY2024 capital spending so that it does not exceed 9.75% of the submitted FY2024 operating budget, as a one-time exception to the City Council’s Budget Policy Guideline that the City should seek to make capital expenditures (including debt and exclusive of the school Building for the Future Initiative funding and enterprise funds) equal to at least 7.5-8% of the operating budget. Voted 3-0

The Committee then took up the Retirement Board request for approval of Chapter 269 of the Acts of 2022 for a Cost-of-Living Adjustment for Retirees (Attachment J) that would be a one-time 2% increase for FY23 only. Mr. Tracy, who is a member of the Retirement Board, and as a recent retiree would not be eligible for this, recommended accepting it, noting that the Pension Fund ratio is at 104.1%, and that the actuarial cost of this adjustment would be \$1,006,125 and would change the ratio to 103.7%, which is still above 100%. Mr. Proakis concurred.

- ➔ **ACTION ITEM** - Councilor Gardner made a motion, seconded by Councilor Izzo, to ask the City Council to accept Chapter 269 of the Acts of 2022. Voted 3-0

The Committee adjourned at 7:43 pm.
This report prepared by Vincent Piccirilli

List of attachments:

- A. School Department FY24-FY28 CIP Presentation (17 pages)
- B. School Department FY24-FY28 CIP Voted by the School Committee (2 pages)
- C. Perkins memo - Transfer of Leftover School CIP funds to the High School Capital Fund (2 pages)
- D. Public Works FY24-FY28 Capital Improvement Program Presentation (16 pages)
- E. FY2024-FY2028 Water & Sewer Enterprise Fund CIP (1 page)
- F. General Fund Debt Financing (11 pages)
- G. CIP FY24 to FY28 Cost Analysis (5 pages)
- H. Water & Sewer Enterprise Debt Financing (7 pages)
- I. Retirement Board Letter - Chapter 269 of the Acts of 2022 for a COLA for Retirees (4 pages)



Watertown Public Schools

FACILITIES CAPITAL PLAN FY24-FY28

**“Education is not the learning of facts, but
the training of the mind to think.”**
-Albert Einstein-

James Kane
Director of Public Buildings



Priority Ranking System

1. Life, Safety, and Health 
2. Asset Preservation 
3. Operational Efficiency 
4. Enhanced Learning and Working Environments 
5. General Improvements 

Input provided by: Superintendent, Principals, Director of Finance & Operations, Department of Public Buildings



School District Requirements

Project	FY24 (\$K)	FY25 (\$K)	FY26 (\$K)	FY27 (\$K)	FY28 (\$K)
Cunniff Classroom Furniture	\$15	\$15	\$15	\$15	\$15
Hosmer Classroom Furniture	\$25	\$25	\$25	\$25	\$25
Lowell Classroom Furniture		\$20	\$20	\$20	\$20
WMS - Replace Classroom Furniture	\$25	\$25	\$25	\$25	\$25
WMS - Replace Library Furniture		\$60			
WHS - Replace Classroom Furniture	\$25	\$25	\$25	\$25	\$25
Phillips - Replace Furniture	\$15	\$15	\$15	\$15	\$15
Food Service Equipment	\$30	\$30	\$30	\$30	\$15
Security Enhancements	\$95	\$95	\$95	\$95	\$95
School Technology (funded in school budget)	\$100	\$100	\$100	\$100	\$100
Total	\$330	\$410	\$350	\$350	\$335

Director of Finance and Operations: Heidi Perkins



Watertown Public Schools

ELEMENTARY SCHOOLS



Principal: Mena Ciarlone



Principal: Erin Moulton



Principal: Stacy Phelan

*Excellence * Equity * Community
Exceed * Excel * Elevate * Ensure*



Cunniff Elementary School Requirements

Project	FY24 (\$K)	FY25 (\$K)	FY26 (\$K)	FY27 (\$K)	FY28 (\$K)
Install Audio System in Cafetorium	\$50	-	-	-	-
Install Wallpaper/Decals to Stairway Wall	\$30	-	-	-	-
Interior Painting		\$25	\$25	\$25	\$25
Cell Communication Enhancements	\$35				
Total	\$115	\$25	\$25	\$25	\$25



Hosmer Elementary School Requirements

Project	FY24 (\$K)	FY25 (\$K)	FY26 (\$K)	FY27 (\$K)	FY28 (\$K)
Install Audio System in the Cafetorium	\$50	-	-	-	-
Install Wallpaper/Decals to Stairways	\$30	-	-	-	-
Interior Painting		\$25	\$25	\$25	\$25
Cell Tower Enhancements	\$35	-	-	-	-
Install Swing Gate to Parking Lot	\$40	-	-	-	-
Install Power Shades to Gym Windows	\$50	-	-	-	-
Install Shade Structure above Playground	\$50				
Total	\$255	\$25	\$25	\$25	\$25



Install Swing Gate

Project Description: Install swing gate to the front parking lot on the Concord Road side of the building.

Current Situation: The existing parking lot does not restrict traffic from crossing through from Winthrop to Concord Road creating a safety hazard to student and staff when accessing the playground.

Impact If Not Funded: The safety issue will remain.

Challenges

Cost Impact: Cost estimate is based on similar projects.

Schedule Impact:
Project will need to be completed when school is not in session.



Project Scope:

- FY Required: 2024
- Scope (SF): LS
- Cost : \$40,000





Watertown Public Schools

WATERTOWN MIDDLE SCHOOL



Principal: Jenn Chen-Fein



Designing the Ground Floor Air Conditioning

Project Description: Provide funding to design the Variable Refrigerant Flow (VRF) air conditioning system for the ground floor.

Current Situation: The school does not have any AC and window units cannot fit into the new windows. This project will be part of a phased approach to add AC into the Middle School. Phase 1 was the cafeteria (completed 2021) Phase 2 is the second floor, Phase 3 is the first floor, Phase 4 is the ground floor.

Impact If Not Funded: This funding is required to complete the last phase of the middle school AC project.

Challenges

Cost Impact: Cost is based on Gienapp feasibility study plus overhead/contingency

Schedule Impact: Work must be completed during the summer, programs may be affected.



Project Scope:

- FY Required: 2024
- Scope (SF): LS
- Cost : \$72,000





Soundproofing the Library

Project Description: Install sound deadening material to the lower gym ceiling to reduce sound transmission to the library space directly above.

Current Situation: The library experiences sound pollution from the gym below when in use, and with the plan to use this space as a cafeteria for the high school this becomes a high priority for the middle school.

Impact If Not Funded: Library use for students and staff will be greatly impacted.

Challenges

Cost Impact: Cost estimate based on a vendor quote.

Schedule Impact:
Project will need to be completed in the summer months



Project Scope:

- FY Required: 2024
- Scope (SF): LS
- Cost : \$110,000





Soundproofing the Band Room

Project Description: Install sound deadening material to the walls of the band room to reduce sound transmission to the adjacent spaces.

Current Situation: The rooms and offices adjacent to the band room experiences sound pollution from the band room when in use.

Impact If Not Funded: Noise will continue to disrupt areas in close proximity to the band room.

Challenges

Cost Impact: Cost estimate based on a vendor quote.

Schedule Impact:
Project will need to be completed in the summer months



Project Scope:

- FY Required: 2024
- Scope (SF): LS
- Cost : \$40,000





Watertown Middle School Requirements

Project	FY24 (\$K)	FY25 (\$K)	FY26 (\$K)	FY27 (\$K)	FY28 (\$K)
Soundproofing the Lower Gym	\$110				
Soundproofing the Band Room	\$40				
Portable Wall Dividers	\$25				
Classroom Shades	\$15				
Upgrade Camera System	\$50				
Paint Classrooms / Offices	\$40	\$40	\$40	\$40	\$40
Carpeting Replacement (various)	\$40			\$40	
Roofing Refurbishing	\$50	\$500			
HVAC (VRF) Ground Floor	\$72	\$400			



Watertown Middle School Requirements

Project	FY24 (\$K)	FY25 (\$K)	FY26 (\$K)	FY27 (\$K)	FY28 (\$K)
Relocate Nurses Office		\$10	\$100		
Remodel Bathrooms		\$120			
Soundproofing the Cafeteria			\$150		
Building Envelope Repairs / Masonry Pointing				\$250	
Replace Auditorium / Gym HVAC Units			\$600		
Total	\$442	\$1070	\$890	\$330	\$40



Watertown Public Schools

PHILLIPS BUILDING – WATERTOWN SCHOOL ADMINISTRATION



* Due to possible renovation of the Phillips Building by the City, some capital items may be removed.

Superintendent: Dr. Deanne Galdston



Phillips Building Requirements

Project	FY24 (\$K)	FY25 (\$K)	FY26 (\$K)	FY27 (\$K)	FY28 (\$K)
Bathroom Fixture Upgrades	* \$60	*\$60	*\$60	*\$60	
Window Replacements	* \$100	*\$600			
Fire Alarm System Replacement	* \$200				
Design and Install New Generator	* \$300				
Replace Boiler 2	* 200				
Repave Parking Lots	* \$100				
Re-Key Doors		*\$30			
Roof Repairs			*\$75	*\$75	
Total	\$960	\$690	\$135	\$135	

* Capital items may be removed due to possible building renovations by the City.



Total FY24 Requirements

* Capital items may be removed due to possible building renovations by the City.

School	Project	FY24 (\$K)
Cunniff School	Install Audio System to the Cafetorium	\$50
Cunniff School	Install Wallpaper to All Stairway Walls	\$30
Cunniff School	Cell Tower Enhancements	\$35
Hosmer School	Install Audio System to the Cafetorium	\$50
Hosmer School	Install Wallpaper to All Stairway Walls	\$30
Hosmer School	Cell Tower Enhancements	\$35
Hosmer School	Install Swing Gate to Parking Lot	\$40
Hosmer School	Install Power Shades to Gym Windows	\$50
Hosmer School	Install Shade Structure Above Playground	\$50
Middle School	Soundproofing the Lower Gym	\$110
Middle School	Soundproofing the Band Room	\$40
Middle School	Portable Wall Dividers	\$25
Middle School	Classroom Shades	\$15



Total FY24 Requirements

* Capital items may be removed due to possible building renovations by the City.

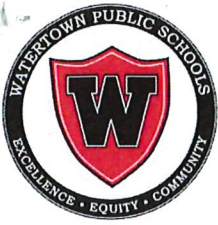
School	Project	FY24 (\$K)
Middle School	Upgrade Camera System	\$50
Middle School	Paint Classrooms / Offices	\$40
Middle School	Carpeting Replacement (various)	\$40
Middle School	Roofing Refurbishing	\$50
Middle School	HVAC (VRF) Ground Floor	\$72
Phillips School	Bathroom Fixture Upgrades	* \$60
Phillips School	Window Replacements	* \$100
Phillips School	Fire Alarm System Replacement	* \$200
Phillips School	Design and Install New Generator	* \$300
Phillips School	Replace Boiler 2	* \$200
Phillips School	Repave Parking Lots	* \$100
District Requirements	Slide 5 total	\$330
	Total	\$2,102

RANK TOTALS		FY'24	S	FY'25	S	FY'26	S	FY'27	S	FY'28	S
WATERTOWN PUBLIC SCHOOLS											
CUNNIFF SCHOOL											
Install Audio System in the Cafetorium	1	\$ 50,000		\$ 50,000	TR						
Install Wallpaper/Decals to Stairway Walls	1	\$ 30,000		\$ 30,000	TR						
Cell Communication Enhancement	1	\$ 35,000		\$ 35,000	TR						
Interior Painting	2	\$ 100,000		\$ -		\$ 25,000	TR	\$ 25,000	TR	\$ 25,000	TR
Total - Cunniff School		\$ 215,000		\$ 115,000		\$ 25,000		\$ 25,000		\$ 25,000	
HOSMER SCHOOL											
Install Power Shades on Gym Upper Windows	1	\$ 50,000		\$ 50,000	TR						
Install Audio System in the Cafetorium	1	\$ 50,000		\$ 50,000	TR						
Install Wallpaper/Decals to Stairway Walls	1	\$ 30,000		\$ 30,000	TR						
Install Shade Structure Above Playground	1	\$ 50,000		\$ 50,000	TR						
Install Swing Gate to the North Parking Lot	1	\$ 40,000		\$ 40,000	TR						
Cell Communication Enhancement	1	\$ 35,000		\$ 35,000	TR						
Interior Painting	2	\$ 100,000		\$ -		\$ 25,000	TR	\$ 25,000	TR	\$ 25,000	TR
Total - Hosmer School		\$ 355,000		\$ 255,000		\$ 25,000		\$ 25,000		\$ 25,000	
MIDDLE SCHOOL											
Soundproofing the Lower Gym	1	\$110,000		\$110,000	BR						
Sound proofing the band room	1	\$40,000		\$40,000	TR						
Portable Wall Dividers	1	\$25,000		\$25,000	TR						
Classroom Shades	1	\$15,000		\$15,000	TR						
Upgrade camera system	1	\$50,000		\$50,000	TR						
Paint classrooms / offices	1	\$200,000		\$40,000	TR	\$ 40,000	TR	\$ 40,000	TR	\$ 40,000	TR
Carpeting Damage (Various Areas)	1	\$80,000		\$40,000	TR			\$ 40,000	TR		
Roofing Refurbishing	3	\$550,000		\$50,000	TR	\$500,000	BR				
HVAC (VRF) Bottom/Ground Floor	1	\$472,000		\$72,000	TR	\$400,000	BR				
Relocate Nurses Office	5	\$110,000				\$10,000	TR	\$ 100,000	BR		
Remodel Bathrooms	3	\$120,000				\$120,000	BR				
Soundproofing the Cafeteria	3	\$150,000						\$ 150,000	BR		
Building Envelope Repairs	3	\$250,000						\$ 250,000	BR		
Replace Auditorium/Gym HVAC Units	3	\$600,000				\$ 600,000	BR				
Total - Middle		\$2,772,000		\$442,000		\$1,070,000		\$890,000		\$330,000	
PHILLIPS SCHOOL											
Bathroom Fixture Upgrades	3	\$ 240,000		\$ 60,000	STBD	\$ 60,000	STBD	\$ 60,000	STBD	\$ 60,000	STBD
Window Replacement	3	\$ 700,000		\$ 100,000	STBD	\$ 600,000	STBD				
Fire Alarm System Replacement	1	\$ 200,000		\$ 200,000	STBD						
Replace Boiler 2	1	\$ 200,000		\$ 200,000	STBD						
Design and Install New Generator	1	\$ 300,000		\$ 300,000	STBD						
Repave Parking Lots	1	\$ 100,000		\$ 100,000	STBD						
Re-Key Doors	2	\$ 30,000				\$ 30,000	STBD				
Roof Repairs	2	\$ 150,000						75,000	STBD	75,000	STBD
Total - Phillips		\$ 1,920,000		\$ 960,000		\$ 690,000		\$ 135,000		\$ 135,000	

SCHOOL DISTRICTWIDE PROGRAMS																
Cunniff - Replace Classroom Furniture	4	\$	75,000	\$	15,000	TR	\$	15,000	TR	\$	15,000	TR	\$	15,000	TR	
Hosmer - Replace Classroom Furniture	4	\$	125,000	\$	25,000	TR	\$	25,000	TR	\$	25,000	TR	\$	25,000	TR	
Lowell - Replace Classroom Furniture	4	\$	80,000				\$	20,000	TR	\$	20,000	TR	\$	20,000	TR	
WMS - Replace Classroom Furniture	4	\$	125,000	\$	25,000	TR	\$	25,000	TR	\$	25,000	TR	\$	25,000	TR	
WMS - Replace Library Furniture/Shelving	4	\$	60,000				\$	60,000	TR							
WHS - Replace Classroom Furniture	4	\$	125,000	\$	25,000	TR	\$	25,000	TR	\$	25,000	TR	\$	25,000	TR	
Phillips - Furniture/Equipment/Furnishings	3	\$	75,000	\$	15,000	TR	\$	15,000	TR	\$	15,000	TR	\$	15,000	TR	
Update Food Service Equipment	1	\$	135,000	\$	30,000	TR	\$	30,000	TR	\$	30,000	TR	\$	30,000	TR	
Security System Enhancements	1	\$	475,000	\$	95,000	TR	\$	95,000	TR	\$	95,000	TR	\$	95,000	TR	
School Technology	3	\$	500,000	\$	100,000	SA	\$	100,000	SA	\$	100,000	SA	\$	100,000	SA	
Total - School Districtwide Programs		\$	1,775,000	\$	330,000		\$	410,000		\$	350,000		\$	350,000		
TOTAL SCHOOL		\$	7,037,000	\$	2,102,000		\$	2,220,000		\$	1,425,000		\$	865,000	\$	425,000
		\$	7,037,000													

Priority Ranking System

- 1) Life Safety and Health
- 2) Asset Preservation
- 3) Operational Efficiency
- 4) Enhanced Learning/Working Environment
- 5) General Improvements



Watertown Public Schools

Attachment C

30 Common Street
Watertown, Massachusetts 02472-3492
Phone: (617) 926-7700
Fax: (617) 923-1234

Ms. Heidi Perkins
Director of Finance & Operations

Dr. Deanne Galdston
Superintendent of Schools

Mr. Kenneth Storlazzi
Human Resources Director

Ms. Kathleen Desmarais
Director of Student Services

Dr. Theresa McGuinness
*Assistant Superintendent
Teaching, Learning and Assessment*

Dr. Kimberlee Henry
*Director of Diversity, Equity,
Inclusion and Belonging*

To: Watertown School Committee
From: Heidi Perkins, Director of Finance and Operations
CC: Deanne Galdston, Superintendent
Re: Transfer of aged CIP funds to High School Capital Fund

9/27/22

The School Department receives Capital Improvement Plan (CIP) monies that are funded with tax revenue each year. These monies are appropriated based on estimates provided by the District. Some lines are on a “lump sum” basis meaning the funding is used as needs arise that are in line with the request; examples are recurring furniture, painting, floor tile replacement, etc. that are not specific to a single project. We also have lines that are funded for specific projects.

At times, we have project line balances that are no longer required due to quotes coming in lower than the estimate, and more recently due to the school building projects negating the need for some of the funding.

As the City prepares to embark on a new High School project, we have analyzed the capital lines that are no longer required at this time and recommend that the aggregate balance of the funds identified, totaling \$283,247, be transferred out of the School Capital fund lines to the High School Capital Fund for the City to use toward the new High School. The attached document outlines the capital funds that we would transfer out and the amounts, as well as those we would keep intact for school department use. We respectfully request a vote should the Committee decide to transfer the funds as shown on the attachment.

Watertown Public Schools Capital Accounts

		Balance	Decrease	Remaining balance after Transfer
FY20 Capital				
55895	582175 Other - TBD	\$ 34,603	\$ 34,603	\$ -
55895	582004 MS - Replace auditorium Compressors	\$ 27,000	\$ 27,000	\$ -
55895	582012 PH - Replace Phillips Furniture	\$ 15,000	\$ 15,000	\$ -
55895	582015 HS - Technology System Equipment	\$ 28,000	\$ 28,000	\$ -
	Total FY20 Remaining after transfer	\$ 104,603	\$ 104,603	\$ -
FY21 Capital				
55925	582101 MS - Replace Classroom Furniture	\$ 25,000	\$ 5,000	\$ 20,000
55925	582103 MS - Remodel 8 Bathrooms	\$ 7,530	\$ 7,530	\$ -
55925	582108 MS - HVAC (VRF)	\$ 400	\$ 400	\$ -
55925	582109 HS - Replace Classroom Furniture	\$ 25,000	\$ 25,000	\$ -
55925	582110 HS - VCT Floor Repairs	\$ 25,714	\$ 25,714	\$ -
55925	582111 HS - Paint Hallway & Classrooms	\$ 45,000	\$ 45,000	\$ -
55925	582111 PH - Replace Phillips Furniture	\$ 15,000	\$ 15,000	\$ -
55925	582112 District - Update Food Service Equipment	\$ 22,725	\$ -	\$ 22,725
	Total FY20 Remaining after transfer	\$ 166,369	\$ 123,644	\$ 42,725
FY22 Capital				
55195	582201 PH - Replace Phillips Furniture	\$ 15,000	\$ 15,000	\$ -
55195	582202 District - Update Food Service Equipment	\$ 30,000		\$ 30,000
55195	582203 MS - Replace Classroom Furniture	\$ 25,000		\$ 25,000
55195	582204 MS - Paint Hallway & Classrooms	\$ 51,000		\$ 51,000
55195	582205 HS - Replace Classroom Furniture	\$ 25,000	\$ 25,000	\$ -
55195	582206 HS - Courtyard	\$ 15,000	\$ 15,000	\$ -
		\$ 161,000	\$ 55,000	\$ 106,000
Grand Total to Transfer to High School Capital Fund			\$ 283,247	

CITY OF WATERTOWN, MA DEPARTMENT OF PUBLIC WORKS

FY24-28 RECOMMENDED CAPITAL IMPROVEMENT PROGRAM



ADMINISTRATION

Solar Canopy Design - DPW Parking Lots

- \$125,000 in FY24 to fund design
- The display will be installed in various areas of the front parking lot
- DPW actively working with a consultant to determine best locations and amount of KW to be produced
- Electricity produced will assist in meeting the City's energy efficiency goals and reduce the overall carbon footprint



HIGHWAY

Backhoe



- \$150,000 for FY28
- Will replace an existing backhoe that will be over 20 years old and will have exceeded its useful life expectancy
- Will be utilized in the various operations of the Highway Division for trench restoration and sidewalk replacement
- Existing vehicle to be replaced in accordance with industry standard guidelines

HIGHWAY

Loader



- \$325,000 for FY28
- Will replace an existing loader that will be over 16 years old and will have exceeded its useful life expectancy
- To be used for loading material, snow removal and loading salt during snow events
- Weather elements and salt exposure impacts the life expectancy of the machine

HIGHWAY

Hot Box



- \$300,000 for FY26
- Used for the daily operations of the Highway Division for road & sidewalk repair
- Excessive use and high level maintenance required impacts the life expectancy of the machine
- Existing Hot Box to be replaced in accordance with industry standard guidelines



HIGHWAY

Dump Truck w/ Sliding Sander & Plow

- \$290,000 for FY28
- Current Vehicle will be over 22 years old by FY28
- Will provide assistance in various operations of the Highway Div. and assist with various snow operations
- Existing vehicle to be replaced in accordance with industry standard guidelines

CEMETERY

Backhoe



- \$140,000 for FY25
- Daily use of this machine, as well as computer and mechanical problems, has accelerated its life expectancy
- Will provide assistance in various operations of the Cemetery Division, including the excavation of burial sites
- Existing vehicle to be replaced in accordance with industry standard guidelines



ADMINISTRATION

Electric Vehicle (EV) Stations

- \$90,000/year for FY24 – FY28
- Will add to City's existing inventory of EV Stations
- Aligns with City's Fleet Electrification and Replacement & Vehicle Charging Infrastructure Studies, as well as Green Energy Management, Sustainability & Resiliency goals

SNOW/ICE

Salt Shed

- \$400,000 for FY24
- Funds will be used to make various repairs to the existing salt shed as well as add a door which will protect the salt from weather exposure
- Work includes preventative measures to treat salt exposure to structural elements and to repair damaged building envelope facing Whitney Hill





SEWER

Crew Truck

- \$180,000 for FY28
- Frontline equipment used to transport personnel and various tools to job sites on a daily basis
- Vehicle will replace a 17 year old truck that has exceeded its useful life
- Existing vehicle to be replaced in accordance with industry standard guidelines



WATER Backhoe

- \$140,000 for FY27
- Replacement is required to maintain a 24-hour emergency response machine
- Will be utilized in the various operations of the Water Division, including the repair and replacement of water and utility lines
- Existing machine experiencing a variety of mechanical issues
- Existing vehicle to be replaced in accordance with industry standard guidelines



WATER

Vactor Truck

- \$450,000 for FY25
(advanced from FY27)
- Replaces Truck #58 – 2014 International
- Will provide assistance in the various operations of the Water/Sewer Division – including in the excavation and back-ups of water/sewer issues
- Existing vehicle to be replaced in accordance with industry standard guidelines



WATER/SEWER ENTERPRISE FUNDING REQUEST

- DPW is pursuing all avenues of local, state and federal funding opportunities for additional infrastructure projects and improvements
- City plans to invest in infrastructure improvements over the next five years. In addition to the funding from the CIP, the FY23 Water/Sewer Rate Study highlighted to the community the need for additional resources to fund future projects
- As a result of the rate study, the Administration proposed to City Council that \$5M in ARPA funding be allocated to finance future Water/Sewer infrastructure improvement projects
- \$1.25M is included in the FY24 & FY25 for both Water and Sewer – totaling \$5M TBD

CIP Project Updates

Roadway Reconstruction

- 2023 Road Program
 - Loan Order has been approved
 - City's contractor anticipated to start this Spring
- Highland Ave./Chapman Street Reconstruction
 - Work anticipated to start this Spring
- Morse Street
 - City is reviewing 75% plans in anticipation of a Spring-time bid
- Fifth Avenue
 - Construction anticipated to start in Spring of 2024

IRVING PARK UPDATE

- Construction to begin in Spring of 2023

SALTONSTALL PARK UPDATE

- Project currently in Design Phase
- \$900,000 in State funding will be utilized towards the construction of the renovation of Saltonstall Park
- DPW is in the process of applying for additional funding from the Community Preservation Committee (CPC)
- Project is anticipated to go out to bid in late Spring/early Summer of 2023



Saltonstall Park Site Improvements | Proposed View from Entry Plaza - Event
Watertown, MA

Questions?

FY 2024 - FY 2028 CIP WATER/SEWER FUNDS

	A	B	C	D	E	F	G	H	I	J	K	L	M
			TOTALS	FY 24		FY 25		FY 26		FY 27		FY 28	
1													
2		WATER/SEWER ENTERPRISE FUNDS											
3		SEWER											
4		Sewer/Drain System Maintenance	4,500.0	800.0	SR	850.0	SR	900.0	SR	950.0	SR	1,000.0	SR
5		Stormwater & Drainage On-going Improve	1,500.0	300.0	SR	300.0	SR	300.0	SR	300.0	SR	300.0	SR
6	5	MWRA I & I LOAN (25%)	1,650.0	330.0	MWRAB	330.0	MWRAB	330.0	MWRAB	330.0	MWRAB	330.0	MWRAB
7		MWRA I & I GRANT (75%)	4,950.0	990.0	MWRAG	990.0	MWRAG	990.0	MWRAG	990.0	MWRAG	990.0	MWRAG
8	10	MWRA I & I ONE TIME LOAN (100%)	1,290.0			1,290.0	MWRAB						
9	10	Sewer System Improvements	3,750.0	750.0	SEB	750.0	SEB	750.0	SEB	750.0	SEB	750.0	SEB
10		Sewer/Drain System Projects	6,250.0	1,250.0	TBD	1,250.0	TBD	1,250.0	TBD	1,250.0	TBD	1,250.0	TBD
11	10	35 GVW Service Truck	170.0			170.0	SEB						
12	10	Street Sweeper	350.0			350.0	SEB						
13	10	Sewer Vac	430.0	430.0	SEB								
14	10	Swap Dump Truck	190.0	190.0	SEB								
15	10	Wheeled Mini - Excavator	180.0					180.0	SEB				
16	10	Crew Truck	180.0										
17		SEWER SUBTOTAL	25,390.0	5,040.0		6,280.0		4,700.0		4,570.0		4,800.0	SEB
18													
19		WATER											
20		Water System Maintenance	1,500.0	200.0	WR	250.0	WR	300.0	WR	350.0	WR	400.0	WR
21	10	MWRA LWSAP (100% loan)	2,500.0	500.0	MWRAB	500.0	MWRAB	500.0	MWRAB	500.0	MWRAB	500.0	MWRAB
22	10	MWRA LLP (100% loan)	1,500.0	300.0	MWRAL	300.0	MWRAL	300.0	MWRAL	300.0	MWRAL	300.0	MWRAL
23		Water System Projects	6,250.0	1,250.0	TBD	1,250.0	TBD	1,250.0	TBD	1,250.0	TBD	1,250.0	TBD
24	10	Trench Safety Box Truck	180.0					180.0	WEB				
25	5	Utility Truck	80.0			80.0	WEB						
26	10	Gate Valve/Mini Vac Truck	215.0							215.0	WEB		
27	10	Backhoe	140.0							140.0	WEB		
28	10	Service Response Truck	190.0					190.0	WEB				
29	10	Water Vactor	450.0			450.0	WEB						
30		WATER SUBTOTAL	13,005.0	2,250.0		2,830.0		2,720.0		2,755.0		2,450.0	
31													
32		TOTAL WATER & SEWER	38,395.0	7,290.0		9,110.0		7,420.0		7,325.0		7,250.0	
33													
34		STORMWATER											
35		Phase 2 MS4 Permit Management Plan	250.0	50.0	TBD	50.0	TBD	50.0	TBD	50.0	TBD	50.0	TBD
36		Phase 2 MS4 Construction/Improvements	35,400.0	100.0	TBD	100.0	TBD	100.0	TBD	100.0	TBD	35,000.0	TBD
37		Phase 2 MS4 Phosphorous Control Plan	500.0	100.0	TBD	100.0	TBD	100.0	TBD	100.0	TBD	100.0	TBD
38		STORMWATER SUBTOTAL	36,150.0	250.0		250.0		250.0		250.0		35,150.0	
39													
40		TOT. WATER, SEWER & STORMWATER	74,545.0	7,540.0		9,360.0		7,670.0		7,575.0		42,400.0	
41													
42		COSTS BY SOURCE OF FUNDS											
43	SR	SEWER REVENUE	6,000.0	1,100.0		1,150.0		1,200.0		1,250.0		1,300.0	
44	SEB	SEWER EQUIPMENT BONDS	5,250.0	1,370.0		1,270.0		930.0		750.0		930.0	
45	TBD	TO BE DETERMINED	48,650.0	2,750.0		2,750.0		2,750.0		2,750.0		37,650.0	
46	MWRAB	MWRA Bond - Interest Free	5,440.0	830.0		2,120.0		830.0		830.0		830.0	
47	MWRAG	MWRA GRANT	4,950.0	990.0		990.0		990.0		990.0		990.0	
48	MWRAL	MWRA LLP	1,500.0	300.0		300.0		300.0		300.0		300.0	
49	WR	WATER REVENUE	1,500.0	200.0		250.0		300.0		350.0		400.0	
50	WEB	WATER EQUIPMENT BONDS	1,255.0	0.0		530.0		370.0		355.0		0.0	
51		GRAND TOTAL - ENTERPRISE FUNDS	74,545.0	7,540.0		9,360.0		7,670.0		7,575.0		42,400.0	

3/17/23
7:00pm

PERMANENT DEBT

	FY'24	FY'25	FY'26	FY'27	FY'28
FY09 Bond (Jul 08)					
Prin (15,650,000)	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
L/T Int	\$ 123,750	\$ 102,188	\$ 80,000	\$ 57,500	\$ 34,678
Subtotal	\$ 623,750	\$ 602,188	\$ 580,000	\$ 557,500	\$ 534,678
FY10 Bond (Feb 10)					
Prin (5,452,000)	\$ 270,000	\$ 245,000	\$ 210,000	\$ 210,000	\$ 210,000
L/T Int	\$ 59,850	\$ 50,401	\$ 41,213	\$ 33,600	\$ 25,200
Subtotal	\$ 329,850	\$ 295,401	\$ 251,213	\$ 243,600	\$ 235,200
FY12 Bond (June 12)					
Prin (3,722,000)	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	
L/T Int	\$ 13,906	\$ 11,250	\$ 7,500	\$ 3,750	
Subtotal	\$ 138,906	\$ 136,250	\$ 132,500	\$ 128,750	\$ -
FY 14 Bond (Nov 13)					
Prin (6,000,000) ESCO	\$ 285,000	\$ 295,000	\$ 305,000	\$ 310,000	\$ 320,000
L/T Int	\$ 105,488	\$ 97,650	\$ 88,800	\$ 79,650	\$ 70,350
Subtotal	\$ 390,488	\$ 392,650	\$ 393,800	\$ 389,650	\$ 390,350
FY 12 Bond (May 2014)					
Prin (1,088,000) Victory Field	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ -
L/T Int	\$ 7,600	\$ 4,600	\$ 2,600	\$ 800	\$ -
Subtotal	\$ 87,600	\$ 84,600	\$ 82,600	\$ 80,800	\$ -
FY 13 Bond (May 2014)					
Prin (1,350,000) ESCO	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000
L/T Int	\$ 13,950	\$ 10,575	\$ 8,325	\$ 6,300	\$ 4,050
Subtotal	\$ 103,950	\$ 100,575	\$ 98,325	\$ 96,300	\$ 94,050
FY 13 Bond (May 2014)					
Prin (207,000) Various School Buildings	\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
L/T Int	\$ 1,525	\$ 1,025	\$ 775	\$ 550	\$ 358
Subtotal	\$ 16,525	\$ 11,025	\$ 10,775	\$ 10,550	\$ 10,358
FY 13 Bond (May 2014)					
Prin (370,000) Casey Park	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
L/T Int	\$ 3,725	\$ 2,788	\$ 2,163	\$ 1,600	\$ 975
Subtotal	\$ 28,725	\$ 27,788	\$ 27,163	\$ 26,600	\$ 25,975

FY 14 Refunding Bond Issue (May 2014)

Prin (7,933,000)	\$	680,000	\$	670,000	\$	-	\$	-	\$	-
L/T Int	\$	33,750	\$	8,375	\$	-	\$	-	\$	-
Subtotal	\$	713,750	\$	678,375	\$	-	\$	-	\$	-

FY 16 Bond (April 2016)

Prin (1,206,500) Various Equipment & Vehicles	\$	40,000	\$	40,000	\$	-	\$	-	\$	-
L/T Int	\$	2,400	\$	1,200	\$	-	\$	-	\$	-
Subtotal	\$	42,400	\$	41,200	\$	-	\$	-	\$	-

FY 16 Bond (April 2016)

Prin (913,600) Various Municipal Buildings	\$	100,000	\$	100,000	\$	-	\$	-	\$	-
L/T Int	\$	6,000	\$	3,000	\$	-	\$	-	\$	-
Subtotal	\$	106,000	\$	103,000	\$	-	\$	-	\$	-

FY 18 Bond (January 2018)

Prin (1,793,000) Various Equipment & Vehicles	\$	135,000	\$	120,000	\$	120,000	\$	115,000	\$	85,000
L/T Int	\$	28,700	\$	23,300	\$	18,500	\$	13,700	\$	3,400
Subtotal	\$	163,700	\$	143,300	\$	138,500	\$	128,700	\$	88,400

FY 18 Bond (January 2018)

Prin (1,327,200) Various Municipal Buildings	\$	75,000	\$	75,000	\$	75,000	\$	75,000	\$	75,000
L/T Int	\$	26,100	\$	23,100	\$	20,100	\$	17,100	\$	14,100
Subtotal	\$	101,100	\$	98,100	\$	95,100	\$	92,100	\$	89,100

FY 18 Bond (January 2018)

Prin (4,034,800) Street and Sidewalks	\$	85,000	\$	85,000	\$	85,000	\$	80,000		
L/T Int	\$	13,400	\$	10,000	\$	6,600	\$	3,200		
Subtotal	\$	98,400	\$	95,000	\$	91,600	\$	83,200		

FY 19 Bond (June 2019)

Prin (1,078,500) Elementary School Design/Constr.	\$	215,000	\$	-	\$	-	\$	-	\$	-
L/T Int	\$	10,750	\$	-	\$	-	\$	-	\$	-
Subtotal	\$	225,750	\$	-	\$	-	\$	-	\$	-

FY 19 Bond (June 2019)

Prin (247,500) Middle School Girls Locker Rooms	\$	25,000	\$	25,000	\$	25,000	\$	25,000	\$	25,000
L/T Int	\$	7,250	\$	6,000	\$	4,750	\$	3,500	\$	2,250
Subtotal	\$	32,250	\$	31,000	\$	29,750	\$	28,500	\$	27,250

FY 19 Bond (June 2019)									
Prin (837,500) Street and Sidewalks	\$	165,000	\$	-	\$	-	\$	-	\$
L/T Int	\$	8,250	\$	-	\$	-	\$	-	\$
Subtotal	\$	173,250	\$	-	\$	-	\$	-	\$
FY 19 Bond (June 2019)									
Prin (908,000) Filippello Park	\$	90,000	\$	90,000	\$	90,000	\$	90,000	\$
L/T Int	\$	27,000	\$	22,500	\$	18,000	\$	13,500	\$
Subtotal	\$	117,000	\$	112,500	\$	108,000	\$	103,500	\$
FY 19 Bond (June 2019)									
Prin (1,443,500) Various Equipment & Vehicles	\$	145,000	\$	125,000	\$	125,000	\$	120,000	\$
L/T Int	\$	37,000	\$	29,750	\$	23,500	\$	17,250	\$
Subtotal	\$	182,000	\$	154,750	\$	148,500	\$	137,250	\$
FY 20 Bond (June 2020)									
Prin (3,223,467) Cunniff Elementary Design	\$	165,000	\$	160,000	\$	160,000	\$	160,000	\$
L/T Int	\$	93,850	\$	85,600	\$	77,600	\$	69,600	\$
Subtotal	\$	258,850	\$	245,600	\$	237,600	\$	229,600	\$
FY 20 Bond (June 2020)									
Prin (5,729,088) Hosmer Elementary Design	\$	290,000	\$	290,000	\$	285,000	\$	285,000	\$
L/T Int	\$	167,225	\$	152,725	\$	138,225	\$	123,975	\$
Subtotal	\$	457,225	\$	442,725	\$	423,225	\$	408,975	\$
FY 20 Bond (June 2020)									
Prin (1,122,445) Hosmer Elementary OPM	\$	60,000	\$	55,000	\$	55,000	\$	55,000	\$
L/T Int	\$	32,425	\$	29,425	\$	26,675	\$	23,925	\$
Subtotal	\$	92,425	\$	84,425	\$	81,675	\$	78,925	\$
FY 20 Bond (June 2020)									
Prin (245,000) Middle School Men's Lockerroom	\$	25,000	\$	25,000	\$	25,000	\$	25,000	\$
L/T Int	\$	8,250	\$	7,000	\$	5,750	\$	4,500	\$
Subtotal	\$	33,250	\$	32,000	\$	30,750	\$	29,500	\$
FY 20 Bond (June 2020)									
Prin (529,625) Street/Sidewalk Renovations	\$	105,000	\$	105,000	\$	-	\$	-	\$
L/T Int	\$	10,500	\$	5,250	\$	-	\$	-	\$
Subtotal	\$	115,500	\$	110,250	\$	-	\$	-	\$

FY 20 Bond (June 2020)

Prin (2,500,000) Street/Sidewalk Renovations	\$	500,000	\$	500,000	\$	-	\$	-	\$	-
L/T Int	\$	50,000	\$	25,000	\$	-	\$	-	\$	-
Subtotal	\$	550,000	\$	525,000	\$	-	\$	-	\$	-

FY 20 Bond (June 2020)

Prin (1,100,000) Ladder Truck	\$	75,000	\$	75,000	\$	75,000	\$	75,000	\$	75,000
L/T Int	\$	35,350	\$	31,600	\$	27,850	\$	24,100	\$	20,350
Subtotal	\$	110,350	\$	106,600	\$	102,850	\$	99,100	\$	95,350

FY 20 Bond (June 2020)

Prin (1,175,375) Filippello Lights & Scoreboard	\$	120,000	\$	120,000	\$	115,000	\$	115,000	\$	115,000
L/T Int	\$	40,750	\$	34,750	\$	28,750	\$	23,000	\$	17,250
Subtotal	\$	160,750	\$	154,750	\$	143,750	\$	138,000	\$	132,250

FY 21 Bond (January 2021)

Prin (52,145,000) 3 Elementary School Project	\$	2,610,000	\$	2,610,000	\$	2,610,000	\$	2,610,000	\$	2,610,000
L/T Int	\$	1,564,750	\$	1,434,250	\$	1,303,750	\$	1,173,250	\$	1,042,750
Subtotal	\$	4,174,750	\$	4,044,250	\$	3,913,750	\$	3,783,250	\$	3,652,750

FY 21 Bond (April 2021)

Prin (1,771,000) Public Safety Radio Infrastructure	\$	180,000	\$	180,000	\$	180,000	\$	175,000	\$	175,000
L/T Int	\$	65,300	\$	56,300	\$	47,300	\$	38,300	\$	29,550
Subtotal	\$	245,300	\$	236,300	\$	227,300	\$	213,300	\$	204,550

FY 21 Bond (April 2021)

Prin (355,000) Fire Ambulance	\$	70,000	\$	70,000	\$	70,000	\$	-		
L/T Int	\$	10,500	\$	7,000	\$	3,500	\$	-		
Subtotal	\$	80,500	\$	77,000	\$	73,500	\$	-		

FY 21 Bond (April 2021)

Prin (188,000) Admin. Bldg Elevator	\$	35,000	\$	35,000	\$	35,000	\$	-		
L/T Int	\$	5,250	\$	3,500	\$	1,750	\$	-		
Subtotal	\$	40,250	\$	38,500	\$	36,750	\$	-		

FY 21 Bond (April 2021)

Prin (1,469,800) Middle Sch. Boilers & HVAC Cafeteria	\$	150,000	\$	150,000	\$	145,000	\$	145,000	\$	145,000
L/T Int	\$	53,950	\$	46,450	\$	38,950	\$	31,700	\$	24,450
Subtotal	\$	203,950	\$	196,450	\$	183,950	\$	176,700	\$	169,450

FY 21 Bond (April 2021)							
Prin (1,200,000) Streets & Sidewalks	\$	240,000	\$	240,000	\$	240,000	\$ -
L/T Int	\$	36,000	\$	24,000	\$	12,000	\$ -
Subtotal	\$	276,000	\$	264,000	\$	252,000	\$ -
FY 21 Bond (April 2021)							
Prin (34,106,200) 3 Elem School Bldg	\$	1,705,000	\$	1,705,000	\$	1,705,000	\$ 1,705,000
L/T Int	\$	988,900	\$	903,650	\$	818,400	\$ 733,150
Subtotal	\$	2,693,900	\$	2,608,650	\$	2,523,400	\$ 2,438,150
FY 22 Bond (April 2022)							
Prin (243,000) Highway Dump Truck	\$	25,000	\$	25,000	\$	25,000	\$ 25,000
L/T Int	\$	10,750	\$	9,500	\$	8,250	\$ 7,000
Subtotal	\$	35,750	\$	34,500	\$	33,250	\$ 32,000
FY 22 Bond (April 2022)							
Prin (265,000) SN & I: Combo Body 6-wheeler	\$	30,000	\$	30,000	\$	25,000	\$ 25,000
L/T Int	\$	11,750	\$	10,250	\$	8,750	\$ 7,500
Subtotal	\$	41,750	\$	40,250	\$	33,750	\$ 32,500
FY 22 Bond (April 2022)							
Prin (85,000) Highway Service Flat Bed	\$	10,000	\$	10,000	\$	10,000	\$ 10,000
L/T Int	\$	3,750	\$	3,250	\$	2,750	\$ 2,250
Subtotal	\$	13,750	\$	13,250	\$	12,750	\$ 12,250
FY 22 Bond (April 2022)							
Prin (120,000) Prop & Bldg Sign Truck	\$	25,000	\$	25,000	\$	25,000	\$ 20,000
L/T Int	\$	4,750	\$	3,500	\$	2,250	\$ 1,000
Subtotal	\$	29,750	\$	28,500	\$	27,250	\$ 21,000
FY 22 Bond (April 2022)							
Prin (85,000) Hwy Street Vactor	\$	10,000	\$	10,000	\$	10,000	\$ 10,000
L/T Int	\$	3,750	\$	3,250	\$	2,750	\$ 2,250
Subtotal	\$	13,750	\$	13,250	\$	12,750	\$ 12,250
FY 22 Bond (April 2022)							
Prin (280,000) SN & I: Salter 6-wheeler	\$	30,000	\$	30,000	\$	30,000	\$ 30,000
L/T Int	\$	12,500	\$	11,000	\$	9,500	\$ 8,000
Subtotal	\$	42,500	\$	41,000	\$	39,500	\$ 38,000

FY 22 Bond (April 2022)										
Prin (300,000) SNOW &ICE: Loader	\$	30,000	\$	30,000	\$	30,000	\$	30,000	\$	30,000
L/T Int	\$	13,500	\$	12,000	\$	10,500	\$	9,000	\$	7,500
Subtotal	\$	43,500	\$	42,000	\$	40,500	\$	39,000	\$	37,500

FY 22 Bond (April 2022)										
Prin (250,000) Street Sweeper	\$	25,000	\$	25,000	\$	25,000	\$	25,000	\$	25,000
L/T Int	\$	11,250	\$	10,000	\$	8,750	\$	7,500	\$	6,250
Subtotal	\$	36,250	\$	35,000	\$	33,750	\$	32,500	\$	31,250

FY 22 Bond (April 2022)										
Prin (775,674) Hwy Connt/Throughways Waverly	\$	155,000	\$	155,000	\$	155,000	\$	155,000	\$	-
L/T Int	\$	31,000	\$	23,250	\$	15,500	\$	7,750	\$	-
Subtotal	\$	186,000	\$	178,250	\$	170,500	\$	162,750	\$	-

FY 22 Bond (April 2022)										
Prin (423,826) Admin Bld: Repl Chiller	\$	25,000	\$	25,000	\$	25,000	\$	20,000	\$	20,000
L/T Int	\$	17,000	\$	15,750	\$	14,500	\$	13,250	\$	12,250
Subtotal	\$	42,000	\$	40,750	\$	39,500	\$	33,250	\$	32,250

FY 22 Bond (April 2022)										
Prin (1,250,000)Fire Lader Truck	\$	85,000	\$	85,000	\$	85,000	\$	85,000	\$	85,000
L/T Int	\$	53,750	\$	49,500	\$	45,250	\$	41,000	\$	36,750
Subtotal	\$	138,750	\$	134,500	\$	130,250	\$	126,000	\$	121,750

FY 22 Bond (April 2022)										
Prin (2,376,000)Public Safety Ph 2 Radio Infrast.	\$	240,000	\$	240,000	\$	240,000	\$	240,000	\$	235,000
L/T Int	\$	106,750	\$	94,750	\$	82,750	\$	70,750	\$	58,750
Subtotal	\$	346,750	\$	334,750	\$	322,750	\$	310,750	\$	293,750

FY 22 Bond (April 2022)										
Prin (110,000)DPW Bldg Sidewks & Pkg Lot	\$	15,000	\$	10,000	\$	10,000	\$	10,000	\$	10,000
L/T Int	\$	4,750	\$	4,000	\$	3,500	\$	3,000	\$	2,500
Subtotal	\$	19,750	\$	14,000	\$	13,500	\$	13,000	\$	12,500

FY 22 Bond (April 2022)										
Prin (300,000)Prop & Bldg:Underground Ducts	\$	60,000	\$	60,000	\$	60,000	\$	60,000	\$	-
L/T Int	\$	12,000	\$	9,000	\$	6,000	\$	3,000	\$	-
Subtotal	\$	72,000	\$	69,000	\$	66,000	\$	63,000	\$	-

FY 22 Bond (June 2022)

Prin (2,862,150)Elem School Design 1	\$	145,000	\$	145,000	\$	145,000	\$	145,000	\$	145,000
L/T Int	\$	127,350	\$	120,100	\$	112,850	\$	105,600	\$	98,350
Subtotal	\$	272,350	\$	265,100	\$	257,850	\$	250,600	\$	243,350

FY 22 Bond (June 2022)										
Prin (572,301)Elem School Design 2	\$	30,000	\$	30,000	\$	30,000	\$	30,000	\$	30,000
L/T Int	\$	25,500	\$	24,000	\$	22,500	\$	21,000	\$	19,500
Subtotal	\$	55,500	\$	54,000	\$	52,500	\$	51,000	\$	49,500

FY 22 Bond (June 2022)										
Prin (1,144,277 3 Elem SchoolProjects OPM Services,	\$	60,000	\$	60,000	\$	60,000	\$	60,000	\$	60,000
L/T Int	\$	50,700	\$	47,700	\$	44,700	\$	41,700	\$	38,700
Subtotal	\$	110,700	\$	107,700	\$	104,700	\$	101,700	\$	98,700

FY 22 Bond (June 2022)										
Prin (22,211,272) Elem Schools (Lowell, Hosmer & Cu	\$	1,115,000	\$	1,110,000	\$	1,110,000	\$	1,110,000	\$	1,110,000
L/T Int	\$	988,150	\$	932,400	\$	876,900	\$	821,400	\$	765,900
Subtotal	\$	2,103,150	\$	2,042,400	\$	1,986,900	\$	1,931,400	\$	1,875,900

	\$	11,590,000	\$	11,125,000	\$	9,665,000	\$	9,295,000	\$	8,750,000
	\$	5,182,344		4637402		4131276		3670450		3222060.5
Subtotal	\$	16,772,344	\$	15,762,402	\$	13,796,276	\$	12,965,450	\$	11,972,061

AUTHORIZED NOT ISSUED DEBT

Prin (1,380,000) Moxly Court FY 16 cip items	\$	138,000	\$	138,000	\$	138,000	\$	138,000	\$	138,000
L/T Int (4.5%)	\$	62,100	\$	55,890	\$	49,680	\$	43,470	\$	37,260
Subtotal	\$	200,100	\$	193,890	\$	187,680	\$	181,470	\$	175,260

Prin (2,300,000) Rink Ramp-Hwy Highland FY 21 cip ii	\$	430,000	\$	430,000	\$	430,000	\$	430,000	\$	430,000
L/T Int (4.5%)	\$	103,500	\$	84,150	\$	64,800	\$	45,450	\$	26,100
Subtotal	\$	533,500	\$	514,150	\$	494,800	\$	475,450	\$	456,100

Prin (1,850,000) Parks & Victory Turf FY 23 cip items	\$	185,000	\$	185,000	\$	185,000	\$	185,000	\$	185,000
L/T Int (4.5%)	\$	83,250	\$	74,925	\$	66,600	\$	58,275	\$	49,950
Subtotal	\$	268,250	\$	259,925	\$	251,600	\$	243,275	\$	234,950

Prin (9,789,779) HS Design Costs FY 23 cip items	\$	326,626	\$	326,626	\$	326,626	\$	326,626	\$	326,626
L/T Int (4.5%)	\$	440,945	\$	425,842	\$	411,144	\$	396,446	\$	381,747
Subtotal	\$	767,571	\$	752,468	\$	737,770	\$	723,072	\$	708,373

Prin (2,500,000) Street & Sidewalk FY22 cip item	\$	500,000	\$	500,000	\$	500,000	\$	500,000	\$	500,000
L/T Int (4.5%)	\$	112,500	\$	90,000	\$	67,500	\$	45,000	\$	22,500
Subtotal	\$	612,500	\$	590,000	\$	567,500	\$	545,000	\$	522,500
Prin (1,000,000) High School Feasibility Study	\$	500,000	\$	-	\$	-	\$	-		
L/T Int (4.5%)	\$	22,500	\$	-	\$	-	\$	-		
Subtotal	\$	522,500	\$	-	\$	-	\$	-		
Prin (2,600,000) Mt Auburn Appr & Ease FY23 cip item	\$	520,000	\$	520,000	\$	520,000	\$	520,000	\$	520,000
L/T Int (4.5%)	\$	117,000	\$	93,600	\$	70,200	\$	46,800	\$	23,400
Subtotal	\$	637,000	\$	613,600	\$	590,200	\$	566,800	\$	543,400
Prin (2,500,000) Street & Sidewalk FY23 cip item	\$	500,000	\$	500,000	\$	500,000	\$	500,000	\$	500,000
L/T Int (4.5%)	\$	112,500	\$	90,000	\$	67,500	\$	45,000	\$	22,500
Subtotal	\$	612,500	\$	590,000	\$	567,500	\$	545,000	\$	522,500
Prin (26,684,000) 3 Elem School Reno FY23 cip item	\$	1,334,200	\$	1,334,200	\$	1,334,200	\$	1,334,200	\$	1,334,200
L/T Int (4.5%)	\$	1,200,780	\$	1,140,741	\$	1,080,702	\$	1,020,663	\$	960,624
Subtotal	\$	2,534,980	\$	2,474,941	\$	2,414,902	\$	2,354,863	\$	2,294,824
Prin (150,000,000) New HS Construction	\$	1,666,667	\$	3,333,334	\$	5,000,001	\$	5,000,001	\$	5,000,001
L/T Int (4.5%)	\$	2,250,000	\$	4,425,000	\$	6,525,000	\$	6,300,000	\$	6,075,000
Subtotal	\$	3,916,667	\$	7,758,334	\$	11,525,001	\$	11,300,001	\$	11,075,001
TOTAL AUTHORIZED UNISSUED DEBT										
Prin	\$	6,100,493	\$	7,267,160	\$	8,933,827	\$	8,933,827	\$	8,933,827
L/T Int	\$	4,505,075	\$	6,480,148	\$	8,403,126	\$	8,001,104	\$	7,599,081
Total Authorized Unissued	\$	10,605,568	\$	13,747,308	\$	17,336,953	\$	16,934,931	\$	16,532,908

PLANNED BOND DEBT

FY 17 Bond (June 2017)

Prin (6,125,000) See Schedule	\$	445,833	\$	445,833	\$	445,833	\$	445,833	\$	445,833
L/T Int (4.5%)	\$	275,625	\$	255,563	\$	235,500	\$	215,438	\$	195,375
Subtotal	\$	721,458	\$	701,396	\$	681,333	\$	661,271	\$	641,208

FY 18 Bond (May 2018)

Prin (325,000) Comm. Path Design	\$	65,000	\$	65,000	\$	65,000	\$	65,000	\$	65,000
L/T Int (4.5%)	\$	14,625	\$	11,700	\$	8,775	\$	5,850	\$	2,925
Subtotal	\$	79,625	\$	76,700	\$	73,775	\$	70,850	\$	67,925

FY 19 Bond (May 2019)										
Prin (300,000) Saltonstall Court	\$	30,000	\$	30,000	\$	30,000	\$	30,000	\$	30,000
L/T Int (4.5%)	\$	13,500	\$	12,150	\$	10,800	\$	9,450	\$	8,100
Subtotal	\$	43,500	\$	42,150	\$	40,800	\$	39,450	\$	38,100

FY 20 Bond (May 2020)										
Prin (3,000,000) Comm Path	\$	300,000	\$	300,000	\$	300,000	\$	300,000	\$	300,000
L/T Int (4.5%)	\$	135,000	\$	121,500	\$	108,000	\$	94,500	\$	81,000
Subtotal	\$	435,000	\$	421,500	\$	408,000	\$	394,500	\$	381,000

FY 21 Bond (May 2021)										
Prin (5,700,000) See Schedule	\$	403,333	\$	403,333	\$	403,333	\$	403,333	\$	403,333
L/T Int (4.5%)	\$	256,500	\$	238,350	\$	220,200	\$	202,050	\$	183,900
Subtotal	\$	659,833	\$	641,683	\$	623,533	\$	605,383	\$	587,233

FY 22 Bond (May 2022)										
Prin (1,440,000) See Schedule	\$	205,250	\$	205,250	\$	205,250	\$	205,250	\$	205,250
L/T Int (4.5%)	\$	64,800	\$	55,564	\$	46,328	\$	37,091	\$	27,855
Subtotal	\$	270,050	\$	260,814	\$	251,578	\$	242,341	\$	233,105

FY 22 Bond (May 2022)										
Prin (2,000,000) Highway Conn/Thrwys-Morse	\$	400,000	\$	400,000	\$	400,000	\$	400,000	\$	400,000
L/T Int (4.5%)	\$	90,000	\$	72,000	\$	54,000	\$	36,000	\$	18,000
Subtotal	\$	490,000	\$	472,000	\$	454,000	\$	436,000	\$	418,000

FY 22 Bond (May 2022)										
Prin (3,080,000) School	\$	241,667	\$	241,667	\$	241,667	\$	241,667	\$	241,667
L/T Int (4.5%)	\$	138,600	\$	127,725	\$	116,850	\$	105,975	\$	95,100
Subtotal	\$	380,267	\$	369,392	\$	358,517	\$	347,642	\$	336,767

FY 23 Bond (May 2023)										
Prin (7,710,000) See Schedule	\$	595,333	\$	595,333	\$	595,333	\$	595,333	\$	595,333
L/T Int (4.5%)	\$	346,950	\$	320,160	\$	293,370	\$	266,580	\$	239,790
Subtotal	\$	942,283	\$	915,493	\$	888,703	\$	861,913	\$	835,123

FY 23 Bond (May 2023)

Prin (4,500,000) Str, Walk, & Conn/Thrw-Fifth	\$	900,000	\$	900,000	\$	900,000	\$	900,000	\$	900,000
L/T Int (4.5%)	\$	202,500	\$	162,000	\$	121,500	\$	81,000	\$	40,500
Subtotal	\$	1,102,500	\$	1,062,000	\$	1,021,500	\$	981,000	\$	940,500

FY 23 Bond (May 2023)

Prin (1,340,000) Sch. Items	\$	142,000	\$	142,000	\$	142,000	\$	142,000	\$	142,000
L/T Int (4.5%)	\$	60,300	\$	53,910	\$	47,520	\$	41,130	\$	34,740
Subtotal	\$	202,300	\$	195,910	\$	189,520	\$	183,130	\$	176,740

FY 24 Bond (May 2024)

Prin (9,636,300) See Schedule	\$	-	\$	1,175,260	\$	1,175,260	\$	1,175,260	\$	1,175,260
L/T Int (4.5%)	\$	-	\$	433,634	\$	380,747	\$	327,860	\$	274,973
Subtotal	\$	-	\$	1,608,894	\$	1,556,007	\$	1,503,120	\$	1,450,233

FY 24 Bond (May 2024)

Prin (7,025,000) Land Acq. Str, Walk, & Conn/Thrwys	\$	-	\$	1,405,000	\$	1,405,000	\$	1,405,000	\$	1,405,000
L/T Int (4.5%)	\$	-	\$	316,125	\$	252,900	\$	189,675	\$	126,450
Subtotal	\$	-	\$	1,721,125	\$	1,657,900	\$	1,594,675	\$	1,531,450

FY 24 Bond (May 2024)

Prin (167,000) School Items	\$	-	\$	23,800	\$	23,800	\$	23,800	\$	23,800
L/T Int (4.5%)	\$	-	\$	7,515	\$	6,444	\$	5,373	\$	4,302
Subtotal	\$	-	\$	31,315	\$	30,244	\$	29,173	\$	28,102

FY 25 Bond (May 2025)

Prin (10,860,000) See Schedule	\$	-	\$	-	\$	1,465,133	\$	1,465,133	\$	1,465,133
L/T Int (4.5%)	\$	-	\$	-	\$	488,700	\$	422,769	\$	356,838
Subtotal	\$	-	\$	-	\$	1,953,833	\$	1,887,902	\$	1,821,971

FY 25 Bond (May 2025)

Prin (6,750,000) Str, Walk, & Conn/Thrwys	\$	-	\$	-	\$	1,350,000	\$	1,350,000	\$	1,350,000
L/T Int (4.5%)	\$	-	\$	-	\$	303,750	\$	243,000	\$	182,250
Subtotal	\$	-	\$	-	\$	1,653,750	\$	1,593,000	\$	1,532,250

FY 25 Bond (May 2025)

Prin (1,115,000) School Items	\$	-	\$	-	\$	91,000	\$	91,000	\$	91,000
L/T Int (4.5%)	\$	-	\$	-	\$	50,175	\$	46,080	\$	41,985
Subtotal	\$	-	\$	-	\$	141,175	\$	137,080	\$	132,985

FY 26 Bond (May 2026)

Prin (8,792,000) See Schedule	\$	-	\$	-	\$	-	\$	1,048,683	\$	1,048,683
L/T Int (4.5%)	\$	-	\$	-	\$	-	\$	395,640	\$	301,259
Subtotal	\$	-	\$	-	\$	-	\$	1,444,323	\$	1,349,942

FY 26 Bond (May 2026)										
Prin (5,775,000) Str, Walk, & Conn/Thrwys	\$	-	\$	-	\$	-	\$	1,155,000	\$	1,155,000
L/T Int (4.5%)	\$	-	\$	-	\$	-	\$	259,875	\$	155,925
Subtotal	\$	-	\$	-	\$	-	\$	1,414,875	\$	1,310,925

FY 26 Bond (May 2026)										
Prin (795,000) School Items	\$	-	\$	-	\$	-	\$	99,000	\$	99,000
L/T Int (4.5%)	\$	-	\$	-	\$	-	\$	36,000	\$	26,865
Subtotal	\$	-	\$	-	\$	-	\$	135,000	\$	125,865

FY 27 Bond										
Prin (19,559,000) See Schedule	\$	-	\$	-	\$	-	\$	-	\$	1,328,067
L/T Int (4.5%)	\$	-	\$	-	\$	-	\$	-	\$	820,392
Subtotal	\$	-	\$	-	\$	-	\$	-	\$	2,148,459

FY 27 Bond (May 2027)										
Prin (495,000) School Items	\$	-	\$	-	\$	-	\$	-	\$	84,000
L/T Int (4.5%)	\$	-	\$	-	\$	-	\$	-	\$	18,495
Subtotal	\$	-	\$	-	\$	-	\$	-	\$	102,495

FY 27 Bond (May 2027)										
Prin (5,775,000) Str, Walk, & Conn/Thrwys	\$	-	\$	-	\$	-	\$	-	\$	1,140,000
L/T Int (4.5%)	\$	-	\$	-	\$	-	\$	-	\$	205,200
Subtotal	\$	-	\$	-	\$	-	\$	-	\$	1,345,200

TOTAL PLANNED BOND DEBT

Principal	\$	3,728,416	\$	6,332,476	\$	9,238,609	\$	11,541,292	\$	14,093,359
Long Term Interest	\$	1,598,400	\$	2,187,896	\$	2,745,559	\$	3,021,336	\$	3,442,219
TOTAL PLANNED DEBT	\$	5,326,816	\$	8,520,372	\$	11,984,168	\$	14,562,628	\$	17,535,578

Total Permanent, Authorized/Unissued, & Planned

Principal	\$	9,840,659	\$	13,609,886	\$	18,181,186	\$	20,482,619	\$	23,033,436
Long Term Interest	\$	6,145,225	\$	8,708,293	\$	11,182,433	\$	11,054,940	\$	11,072,550
Grand Total	\$	15,985,884	\$	22,318,179	\$	29,363,619	\$	31,537,559	\$	34,105,986

TOWN OF WATERTOWN
CIP FY 24 TO FY 28 COST ANALYSIS

			FY	COST	FY 24	INTEREST	FY 25	INTEREST	FY 26	INTEREST	FY 27	INTEREST	FY 28	INTEREST
					PRINCIPAL		PRINCIPAL		PRINCIPAL		PRINCIPAL		PRINCIPAL	
AUTHORIZED UNISSUED DEBT														
10	DESIGN/CONST MOXLEY CTS RENOV/LIGHTS	BR	16	\$ 1,380,000	\$ 138,000	\$ 62,100	\$ 138,000	\$ 55,890	\$ 138,000	\$ 49,680	\$ 138,000	\$ 43,470	\$ 138,000	\$ 37,260
				\$ 1,380,000	\$ 138,000	\$ 62,100	\$ 138,000	\$ 55,890	\$ 138,000	\$ 49,680	\$ 138,000	\$ 43,470	\$ 138,000	\$ 37,260
20	HIGH SCHOOL FEASIBILITY STUDY	BR	19	\$ 1,000,000	\$ 500,000	\$ 22,500						\$ -		
				\$ 1,000,000	\$ 500,000	\$ 22,500		\$ -	\$ -	\$ -	\$ -	\$ -		
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
5	HIGHWAY (CONNECTOR/THROUGHWAYS) Highland	STB	21	\$ 2,000,000	\$ 400,000	\$ 90,000	\$ 400,000	\$ 72,000	\$ 400,000	\$ 54,000	\$ 400,000	\$ 36,000	\$ 400,000	\$ 18,000
				\$ 2,300,000	\$ 430,000	\$ 103,500	\$ 430,000	\$ 84,150	\$ 430,000	\$ 64,800	\$ 430,000	\$ 45,450	\$ 430,000	\$ 26,100
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	\$ 15,000	\$ 4,050
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	\$ 20,000	\$ 5,400
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	\$ 150,000	\$ 40,500
				\$ 1,850,000	\$ 185,000	\$ 83,250	\$ 185,000	\$ 74,925	\$ 185,000	\$ 66,600	\$ 185,000	\$ 58,275	\$ 185,000	\$ 49,950
30	HIGH SCHOOL DESIGN COST	BR	23	\$ 9,789,779	\$ 326,626	\$ 440,945	\$ 326,626	\$ 425,842	\$ 326,626	\$ 411,144	\$ 326,626	\$ 396,446	\$ 326,626	\$ 381,747
				\$ 9,789,779	\$ 326,626	\$ 440,945	\$ 326,626	\$ 425,842	\$ 326,626	\$ 411,144	\$ 326,626	\$ 396,446	\$ 326,626	\$ 381,747
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
				\$ 2,500,000	\$ 500,000	\$ 112,500	\$ 500,000	\$ 90,000	\$ 500,000	\$ 67,500	\$ 500,000	\$ 45,000	\$ 500,000	\$ 22,500
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	\$ 520,000	\$ 23,400
				\$ 2,600,000	\$ 520,000	\$ 117,000	\$ 520,000	\$ 93,600	\$ 520,000	\$ 70,200	\$ 520,000	\$ 46,800	\$ 520,000	\$ 23,400
5	HIGHWAY RECONSTR	STB	23	\$ 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	23	\$ 500,000	\$ 100,000	\$ 22,500	\$ 100,000	\$ 18,000	\$ 100,000	\$ 13,500	\$ 100,000	\$ 9,000	\$ 100,000	\$ 4,500
				\$ 2,500,000	\$ 500,000	\$ 112,500	\$ 500,000	\$ 90,000	\$ 500,000	\$ 67,500	\$ 500,000	\$ 45,000	\$ 500,000	\$ 22,500
20	3 ELEMENTARY SCHOOL PROJ. RENOVATION	BR	23	\$ 26,684,000	\$ 1,334,200	\$ 1,200,780	\$ 1,334,200	\$ 1,140,741	\$ 1,334,200	\$ 1,080,702	\$ 1,334,200	\$ 1,020,663	\$ 1,334,200	\$ 960,624
				\$ 26,684,000	\$ 1,334,200	\$ 1,200,780	\$ 1,334,200	\$ 1,140,741	\$ 1,334,200	\$ 1,080,702	\$ 1,334,200	\$ 1,020,663	\$ 1,334,200	\$ 960,624
30	NEW HIGH SCHOOL BUILDING - CONSTR.-	BR	23	\$ 50,000,000	\$ 1,666,667	\$ 2,250,000	\$ 1,666,667	\$ 2,175,000	\$ 1,666,667	\$ 2,100,000	\$ 1,666,667	\$ 2,025,000	\$ 1,666,667	\$ 1,950,000
				\$ 50,000,000	\$ 1,666,667	\$ 2,250,000	\$ 1,666,667	\$ 2,175,000	\$ 1,666,667	\$ 2,100,000	\$ 1,666,667	\$ 2,025,000	\$ 1,666,667	\$ 1,950,000
30	NEW HIGH SCHOOL BUILDING - CONSTR.	BR	24	\$ 50,000,000	\$ -	\$ -	\$ 1,666,667	\$ 2,250,000	\$ 1,666,667	\$ 2,175,000	\$ 1,666,667	\$ 2,100,000	\$ 1,666,667	\$ 2,025,000
				\$ 50,000,000	\$ -	\$ -	\$ 1,666,667	\$ 2,250,000	\$ 1,666,667	\$ 2,175,000	\$ 1,666,667	\$ 2,100,000	\$ 1,666,667	\$ 2,025,000
30	NEW HIGH SCHOOL BUILDING - CONSTR.	BR	25	\$ 50,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,666,667	\$ 2,250,000	\$ 1,666,667	\$ 2,175,000	\$ 1,666,667	\$ 2,100,000
				\$ 50,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,666,667	\$ 2,250,000	\$ 1,666,667	\$ 2,175,000	\$ 1,666,667	\$ 2,100,000
TOTAL AUTHORIZED UNISSUED DEBT				\$ 200,603,779	\$ 6,100,493	\$ 4,505,075	\$ 7,267,160	\$ 6,480,148	\$ 8,933,827	\$ 8,403,126	\$ 8,933,827	\$ 8,001,104	\$ 8,933,827	\$ 7,599,081
PLANNED DEBT														
15	VICTORY TRACK, FIELD & CRT RENO-Phase II	BR	17	\$ 5,000,000	\$ 333,333	\$ 225,000	\$ 333,333	\$ 210,000	\$ 333,333	\$ 195,000	\$ 333,333	\$ 180,000	\$ 333,333	\$ 165,000
10	DESIGN,Lights & Score board CASEY PARK RENOV.	BR	17	\$ 1,125,000	\$ 112,500	\$ 50,625	\$ 112,500	\$ 45,563	\$ 112,500	\$ 40,500	\$ 112,500	\$ 35,438	\$ 112,500	\$ 30,375
				\$ 6,125,000	\$ 445,833	\$ 275,625	\$ 445,833	\$ 255,563	\$ 445,833	\$ 235,500	\$ 445,833	\$ 215,438	\$ 445,833	\$ 195,375
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
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
				\$ 300,000	\$ 30,000	\$ 13,500	\$ 30,000	\$ 12,150	\$ 30,000	\$ 10,800	\$ 30,000	\$ 9,450	\$ 30,000	\$ 8,100
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
15	ARSENAL PARK RENOVATIONS	BR	21	\$ 5,000,000	\$ 333,333	\$ 225,000	\$ 333,333	\$ 210,000	\$ 333,333	\$ 195,000	\$ 333,333	\$ 180,000	\$ 333,333	\$ 165,000

CIP FY 24 TO FY 28 COST ANALYSIS

				FY	COST	FY 24		FY 25		FY 26		FY 27		FY 28												
						PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST											
10	FILIPPELLO: SPRAY PRK DESIGN & RENO	BR	21	\$	700,000	\$	70,000	\$	31,500	\$	70,000	\$	28,350	\$	70,000	\$	25,200	\$	70,000	\$	22,050	\$	70,000	\$	18,900	
					\$	5,700,000	\$	403,333	\$	256,500	\$	403,333	\$	238,350	\$	403,333	\$	220,200	\$	403,333	\$	202,050	\$	403,333	\$	183,900
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	SULLIVAN PLYGRD EQUIP, TOT, WLKWY	BR	22	\$	700,000	\$	140,000	\$	31,500	\$	140,000	\$	25,200	\$	140,000	\$	18,900	\$	140,000	\$	12,600	\$	140,000	\$	6,300	
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	
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	
					\$	1,440,000	\$	205,250	\$	64,800	\$	205,250	\$	55,564	\$	205,250	\$	46,328	\$	205,250	\$	37,091	\$	205,250	\$	27,855
5	HIGHWAY (CONNECTOR/THROUGHWAYS)Morse	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	
					\$	2,000,000	\$	400,000	\$	90,000	\$	400,000	\$	72,000	\$	400,000	\$	54,000	\$	400,000	\$	36,000	\$	400,000	\$	18,000
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
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	\$	8,000	\$	360	
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	\$	24,000	\$	1,080	
5	ADMIN BLDG: DESIGN ROOF REPAIRS	BR	23	\$	45,000	\$	9,000	\$	2,025	\$	9,000	\$	1,620	\$	9,000	\$	1,215	\$	9,000	\$	810	\$	9,000	\$	405	
5	IT: INFRASTRUCTURE IMPROVEMENTS	BE	23	\$	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	23	\$	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	23	\$	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	23	\$	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	23	\$	100,000	\$	20,000	\$	4,500	\$	20,000	\$	3,600	\$	20,000	\$	2,700	\$	20,000	\$	1,800	\$	20,000	\$	900	
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	\$	10,000	\$	450	
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	\$	25,000	\$	1,125	
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	\$	10,000	\$	7,200	
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	\$	133,333	\$	66,000	
5	CEMETERY: OFF ROAD UTILITY VEH	BE	23	\$	30,000	\$	6,000	\$	1,350	\$	6,000	\$	1,080	\$	6,000	\$	810	\$	6,000	\$	540	\$	6,000	\$	270	
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	\$	10,000	\$	7,200	
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	\$	200,000	\$	144,000	
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	\$	20,000	\$	5,400	
					\$	7,710,000	\$	595,333	\$	346,950	\$	595,333	\$	320,160	\$	595,333	\$	293,370	\$	595,333	\$	266,580	\$	595,333	\$	239,790
5	HIGHWAY (CONNECTOR/THROUGHWAYS)Fifth	STB	23	\$	2,000,000	\$	400,000	\$	90,000	\$	400,000	\$	72,000	\$	400,000	\$	54,000	\$	400,000	\$	36,000	\$	400,000	\$	18,000	
5	HIGHWAY RECONSTR	STB	23	\$	2,000,000	\$	400,000	\$	90,000	\$	400,000	\$	72,000	\$	400,000	\$	54,000	\$	400,000	\$	36,000	\$	400,000	\$	18,000	
5	SIDEWALK RECONSTR	SWB	23	\$	500,000	\$	100,000	\$	22,500	\$	100,000	\$	18,000	\$	100,000	\$	13,500	\$	100,000	\$	9,000	\$	100,000	\$	4,500	
					\$	4,500,000	\$	900,000	\$	202,500	\$	900,000	\$	162,000	\$	900,000	\$	121,500	\$	900,000	\$	81,000	\$	900,000	\$	40,500
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	\$	24,000	\$	1,080	
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	\$	55,000	\$	2,475	
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	\$	63,000	\$	31,185	
					\$	1,340,000	\$	142,000	\$	60,300	\$	142,000	\$	53,910	\$	142,000	\$	47,520	\$	142,000	\$	41,130	\$	142,000	\$	34,740
20	ADMIN: FORMER POLICE FACILITY	BR	24	\$	1,000,000					\$	50,000	\$	45,000	\$	50,000	\$	42,750	\$	50,000	\$	40,500	\$	50,000	\$	38,250	
20	ADMIN BLDG: MASONRY & METAL REPAIR	BR	24	\$	500,000					\$	25,000	\$	22,500	\$	25,000	\$	21,375	\$	25,000	\$	20,250	\$	25,000	\$	19,125	
10	ADMIN BLDG: REPLACE HVAC HAU-1 CC	BR	24	\$	650,000					\$	65,000	\$	29,250	\$	65,000	\$	26,325	\$	65,000	\$	23,400	\$	65,000	\$	20,475	
5	PARKER: REPLACE MAIN ELECTRICAL SERVICE	BR	24	\$	100,000					\$	20,000	\$	4,500	\$	20,000	\$	3,600	\$	20,000	\$	2,700	\$	20,000	\$	1,800	
5	PARKER:INSTALL BUILDING GENERATOR	BR	24	\$	300,000					\$	60,000	\$	13,500	\$	60,000	\$	10,800	\$	60,000	\$	8,100	\$	60,000	\$	5,400	
5	PARKER:POINT/REPAIR EXT MASONARY FAÇADE	BR	24	\$	125,000					\$	25,000	\$	5,625	\$	25,000	\$	4,500	\$	25,000	\$	3,375	\$	25,000	\$	2,250	
15	PARKER:INSTALL FIRE SUPPRESSION SYSTEM	BR	24	\$	750,000					\$	50,000	\$	33,750	\$	50,000	\$	31,500	\$	50,000	\$	29,250	\$	50,000	\$	27,000	
5	IT: INFRASTRUCTURE IMPROVEMENTS	BE	24	\$	300,000					\$	60,000	\$	13,500	\$	60,000	\$	10,800	\$	60,000	\$	8,100	\$	60,000	\$	5,400	
5	IT: PERMITTING/TRANSPARENCY DASHBOARDS	BE	24	\$	150,000					\$	30,000	\$	6,750	\$	30,000	\$	5,400	\$	30,000	\$	4,050	\$	30,000	\$	2,700	
5	IT: DOCUMENT SCANNING	BE	24	\$	200,000					\$	40,000	\$	9,000	\$	40,000	\$	7,200	\$	40,000	\$	5,400	\$	40,000	\$	3,600	
5	IT: MUNIS FINANCIAL SYSTEM ENHANCEMENTS	BE	24	\$	150,000					\$	30,000	\$	6,750	\$	30,000	\$	5,400	\$	30,000	\$	4,050	\$	30,000	\$	2,700	
5	IT: GOVERNANCE	BE	24	\$	100,000					\$	20,000	\$	4,500	\$	20,000	\$	3,600	\$	20,000	\$	2,700	\$	20,000	\$	1,800	
5	IT: PARKER ANNEX TECHNOLOGY	BR	24	\$	500,000					\$	100,000	\$	22,500	\$	100,000	\$	18,000	\$	100,000	\$	13,500	\$	100,000	\$	9,000	
5	FIRE: EAST END STATION HVAC/PLUMBING	BR	24	\$	126,000					\$	25,200	\$	5,670	\$	25,200	\$	4,536	\$	25,200	\$	3,402	\$	25,200	\$	2,268	
5	FIRE: EAS END STATION PAINTING-CARPET-LIGHTING	BR	24	\$	121,000					\$	24,200	\$	5,445	\$	24,200	\$	4,356	\$	24,200	\$	3,267	\$	24,200	\$	2,178	
5	FIRE: MAIN STATION INTERIOR REPAIRS	BR	24	\$	100,000					\$	20,000	\$	4,500	\$	20,000	\$	3,600	\$	20,000	\$	2,700	\$	20,000	\$	1,800	
5	FIRE: MAIN STN. REPLACE EMERG GEN	BE	24	\$	90,000					\$	18,000	\$	4,050	\$	18,000	\$	3,240	\$	18,000	\$	2,430	\$	18,000	\$	1,620	
5	FIRE: STATION ALERTING SYSTEM	BE	24	\$	120,000					\$	24,000	\$	5,400	\$	24,000	\$	4,320	\$	24,000	\$	3,240	\$	24,000	\$	2,160	
5	LIBRARY: DESIGN/ENGINEER CHILLER & ROOF TOP L	BR	24	\$	50,000					\$	10,000	\$	2,250	\$	10,000	\$	1,800	\$	10,000	\$	1,350	\$	10,000	\$	900	
5	LIBRARY:DESIGN HEATING SYSTEM &																									

TOWN OF WATERTOWN
CIP FY 24 TO FY 28 COST ANALYSIS

			FY 24		FY 25		FY 26		FY 27		FY 28	
			FY	COST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST
5	POLICE: REPL ACCESS CONTRL BLD VIDEO SYS SER	BE	24	\$ 37,000		\$ 7,400 \$ 1,665	\$ 7,400 \$ 1,332	\$ 7,400 \$ 999	\$ 7,400 \$ 666			
10	DPW ADMIN: SOLAR CANOPY FRONT PRKNG LOT	BR	24	\$ 1,250,000		\$ 125,000 \$ 56,250	\$ 125,000 \$ 50,625	\$ 125,000 \$ 45,000	\$ 125,000 \$ 39,375			
5	DPW ADMIN:ADD EV STATIONS	BR	24	\$ 90,000		\$ 18,000 \$ 4,050	\$ 18,000 \$ 3,240	\$ 18,000 \$ 2,430	\$ 18,000 \$ 1,620			
10	HIGHWAY RACK TRUCK	BE	24	\$ 150,000		\$ 15,000 \$ 6,750	\$ 15,000 \$ 6,075	\$ 15,000 \$ 5,400	\$ 15,000 \$ 4,725			
10	HIGHWAY CREW TRUCK	BE	24	\$ 180,000		\$ 18,000 \$ 8,100	\$ 18,000 \$ 7,290	\$ 18,000 \$ 6,480	\$ 18,000 \$ 5,670			
10	SNOW&ICE: SALTER 6 WHEELER	BE	24	\$ 300,000		\$ 30,000 \$ 13,500	\$ 30,000 \$ 12,150	\$ 30,000 \$ 10,800	\$ 30,000 \$ 9,450			
10	SALT SHED REPAIR	BE	24	\$ 400,000		\$ 40,000 \$ 18,000	\$ 40,000 \$ 16,200	\$ 40,000 \$ 14,400	\$ 40,000 \$ 12,600			
10	PROP/BLDG: HEAVY DUTY 4X4 FORKLIFT	BE	24	\$ 100,000		\$ 10,000 \$ 4,500	\$ 10,000 \$ 4,050	\$ 10,000 \$ 3,600	\$ 10,000 \$ 3,150			
10	PARKS & FORESTRY: TREE CHIPPER	BE	24	\$ 75,000		\$ 7,500 \$ 3,375	\$ 7,500 \$ 3,038	\$ 7,500 \$ 2,700	\$ 7,500 \$ 2,363			
10	PARKS & FORESTRY: UTILITY TRUCK	BE	24	\$ 65,000		\$ 6,500 \$ 2,925	\$ 6,500 \$ 2,633	\$ 6,500 \$ 2,340	\$ 6,500 \$ 2,048			
10	REC: LOWELL INSTALL PLAYGROUND EQUI. & RESUR	BR	24	\$ 650,000		\$ 65,000 \$ 29,250	\$ 65,000 \$ 26,325	\$ 65,000 \$ 23,400	\$ 65,000 \$ 20,475			
10	RINK: ELECTRIC ICE RESURFACING MACHINE	BE	24	\$ 150,000		\$ 15,000 \$ 6,750	\$ 15,000 \$ 6,075	\$ 15,000 \$ 5,400	\$ 15,000 \$ 4,725			
5	RINK: ELECTRICAL PANEL UPGRADES	BR	24	\$ 21,000		\$ 4,200 \$ 945	\$ 4,200 \$ 756	\$ 4,200 \$ 567	\$ 4,200 \$ 378			
				\$ 9,636,300		\$ 1,175,260 \$ 433,634	\$ 1,175,260 \$ 380,747	\$ 1,175,260 \$ 327,860	\$ 1,175,260 \$ 274,973			
5	LAND ACQ. STORAGE SPACE	BR	24	\$ 2,000,000		\$ 400,000 \$ 90,000	\$ 400,000 \$ 72,000	\$ 400,000 \$ 54,000	\$ 400,000 \$ 36,000			
5	HIGHWAY RECONSTRUCTION BONDS	STB	24	\$ 2,100,000		\$ 420,000 \$ 94,500	\$ 420,000 \$ 75,600	\$ 420,000 \$ 56,700	\$ 420,000 \$ 37,800			
5	HIGHWAY (CONNECTOR/THROUGHWAYS)	STB	24	\$ 2,100,000		\$ 420,000 \$ 94,500	\$ 420,000 \$ 75,600	\$ 420,000 \$ 56,700	\$ 420,000 \$ 37,800			
5	STREETS & SIDEWALKS:UNDERGROUND DUCT FOR	IBR	24	\$ 300,000		\$ 60,000 \$ 13,500	\$ 60,000 \$ 10,800	\$ 60,000 \$ 8,100	\$ 60,000 \$ 5,400			
5	SIDEWALK RECONSTR	SWB	24	\$ 525,000		\$ 105,000 \$ 23,625	\$ 105,000 \$ 18,900	\$ 105,000 \$ 14,175	\$ 105,000 \$ 9,450			
				\$ 7,025,000	\$ - \$ -	\$ 1,405,000 \$ 316,125	\$ 1,405,000 \$ 252,900	\$ 1,405,000 \$ 189,675	\$ 1,405,000 \$ 126,450			
15	MIDDLE: HVAC (VRF) BASEMENT	BR	24	\$ 72,000		\$ 4,800 \$ 3,240	\$ 4,800 \$ 3,024	\$ 4,800 \$ 2,808	\$ 4,800 \$ 2,592			
5	DISTRICT: SECURITY SYSTEM ENHANCEMENTS	BR	24	\$ 95,000		\$ 19,000 \$ 4,275	\$ 19,000 \$ 3,420	\$ 19,000 \$ 2,565	\$ 19,000 \$ 1,710			
				\$ 167,000	\$ - \$ -	\$ 23,800 \$ 7,515	\$ 23,800 \$ 6,444	\$ 23,800 \$ 5,373	\$ 23,800 \$ 4,302			
10	ADMIN. BLDG: REPLACE FAN COIL& AHUV	BR	25	\$ 900,000			\$ 90,000 \$ 40,500	\$ 90,000 \$ 36,450	\$ 90,000 \$ 32,400			
5	ADMIN BLDG:UPGRADE FIRE ALARM SYST.	BR	25	\$ 50,000			\$ 10,000 \$ 2,250	\$ 10,000 \$ 1,800	\$ 10,000 \$ 1,350			
5	ADMIN BLDG: LIGHTING FIXTURES & ACESSIBILITY	IS BR	25	\$ 60,000			\$ 12,000 \$ 2,700	\$ 12,000 \$ 2,160	\$ 12,000 \$ 1,620			
5	ADMIN BLDG: ROOF SHINGLE REPLACEMENT/ROOF RE	BR	25	\$ 200,000			\$ 40,000 \$ 9,000	\$ 40,000 \$ 7,200	\$ 40,000 \$ 5,400			
15	UPGRADE FIRE PROTECTION SYSTEM	BR	25	\$ 90,000			\$ 6,000 \$ 4,050	\$ 6,000 \$ 3,780	\$ 6,000 \$ 3,510			
5	PARKER:REPLACE 2 RTU HEATING AND COOLING	BR	25	\$ 200,000			\$ 40,000 \$ 9,000	\$ 40,000 \$ 7,200	\$ 40,000 \$ 5,400			
5	PARKER:POINT/REPAIR EXT MASONARY FAÇADE	BR	25	\$ 125,000			\$ 25,000 \$ 5,625	\$ 25,000 \$ 4,500	\$ 25,000 \$ 3,375			
5	IT: INFRASTRUCTURE IMPROVEMENTS	BE	25	\$ 300,000			\$ 60,000 \$ 13,500	\$ 60,000 \$ 10,800	\$ 60,000 \$ 8,100			
5	IT: PERMITTING/TRANSPARENCY DASHBOARDS	BE	25	\$ 150,000			\$ 30,000 \$ 6,750	\$ 30,000 \$ 5,400	\$ 30,000 \$ 4,050			
5	IT: DOCUMENT SCANNING	BE	25	\$ 200,000			\$ 40,000 \$ 9,000	\$ 40,000 \$ 7,200	\$ 40,000 \$ 5,400			
5	IT: MUNIS FINANCIAL SYSTEM ENHANCEMENTS	BE	25	\$ 150,000			\$ 30,000 \$ 6,750	\$ 30,000 \$ 5,400	\$ 30,000 \$ 4,050			
5	IT: PUBLIC WIFI	BE	25	\$ 500,000			\$ 100,000 \$ 22,500	\$ 100,000 \$ 18,000	\$ 100,000 \$ 13,500			
5	IT: GOVERNANCE	BE	25	\$ 100,000			\$ 20,000 \$ 4,500	\$ 20,000 \$ 3,600	\$ 20,000 \$ 2,700			
5	IT: PARKER ANNEX TECHNOLOGY	BR	25	\$ 500,000			\$ 100,000 \$ 22,500	\$ 100,000 \$ 18,000	\$ 100,000 \$ 13,500			
5	FIRE: AMBULANCE	BE	25	\$ 500,000			\$ 100,000 \$ 22,500	\$ 100,000 \$ 18,000	\$ 100,000 \$ 13,500			
5	FIRE: MAIN & NORTH ST. APPARATUS DOORS	BR	25	\$ 65,000			\$ 13,000 \$ 2,925	\$ 13,000 \$ 2,340	\$ 13,000 \$ 1,755			
15	FIRE: ENGINE 1 TRUCK REPLACEMENT	BE	25	\$ 885,000			\$ 59,000 \$ 39,825	\$ 59,000 \$ 37,170	\$ 59,000 \$ 34,515			
5	POLICE: IN CRUISER VIDEO SYSTEM	BE	25	\$ 128,000			\$ 25,600 \$ 5,760	\$ 25,600 \$ 4,608	\$ 25,600 \$ 3,456			
5	POLICE: REPL TRAINING SIMULATOR COMPUTER SY	BE	25	\$ 90,000			\$ 18,000 \$ 4,050	\$ 18,000 \$ 3,240	\$ 18,000 \$ 2,430			
5	POLICE: PICKUP TRUCK AND TRAILER	BE	25	\$ 88,000			\$ 17,600 \$ 3,960	\$ 17,600 \$ 3,168	\$ 17,600 \$ 2,376			
5	POLICE: BODY WORN CAMERAS	BE	25	\$ 780,000			\$ 156,000 \$ 35,100	\$ 156,000 \$ 28,080	\$ 156,000 \$ 21,060			
15	DPW ADMIN. BLDG: ROOF REPLACEMENT	BR	25	\$ 2,000,000			\$ 133,333 \$ 90,000	\$ 133,333 \$ 84,000	\$ 133,333 \$ 78,000			
5	DPW ADMIN:ADD EV STATIONS	BR	25	\$ 90,000			\$ 18,000 \$ 4,050	\$ 18,000 \$ 3,240	\$ 18,000 \$ 2,430			
5	HIGHWAY: SKID STEER	BE	25	\$ 65,000			\$ 13,000 \$ 2,925	\$ 13,000 \$ 2,340	\$ 13,000 \$ 1,755			
10	SNOW AND ICE: LOADER 3/4 YARD	BE	25	\$ 107,000			\$ 10,700 \$ 4,815	\$ 10,700 \$ 4,334	\$ 10,700 \$ 3,852			
5	CEMETERY: OFF ROAD UTILITY VEH 4X4 (2)	BE	25	\$ 30,000			\$ 6,000 \$ 1,350	\$ 6,000 \$ 1,080	\$ 6,000 \$ 810			
10	CEMETERY: BACKHOE	BE	25	\$ 140,000			\$ 14,000 \$ 6,300	\$ 14,000 \$ 5,670	\$ 14,000 \$ 5,040			
10	BEMIS INSTALL, PLYGRD EQUIP, SPRAY	BR	25	\$ 960,000			\$ 96,000 \$ 43,200	\$ 96,000 \$ 38,880	\$ 96,000 \$ 34,560			
10	REC: SPECIAL NEEDS DIAMOND	BR	25	\$ 800,000			\$ 80,000 \$ 36,000	\$ 80,000 \$ 32,400	\$ 80,000 \$ 28,800			
5	PUB. BLDGS.: SIDEWALK SNOWBLOWER/CABS	BE	25	\$ 60,000			\$ 12,000 \$ 2,700	\$ 12,000 \$ 2,160	\$ 12,000 \$ 1,620			
5	PUB BLDGS: PICK UP TRUCK WITH PLOW	BE	25	\$ 60,000			\$ 12,000 \$ 2,700	\$ 12,000 \$ 2,160	\$ 12,000 \$ 1,620			
5	PUB BLDG: EQUIPMENT INVENTORY SYST	BE	25	\$ 150,000			\$ 30,000 \$ 6,750	\$ 30,000 \$ 5,400	\$ 30,000 \$ 4,050			
10	SR CTR: UPGRADE FIRE ALARM SYSTEM	BR	25	\$ 40,000			\$ 4,000 \$ 1,800	\$ 4,000 \$ 1,620	\$ 4,000 \$ 1,440			
5	SR CTR: REBLD CANOPY & WLKWY WEXTERIOR LIG	BR	25	\$ 50,000			\$ 10,000 \$ 2,250	\$ 10,000 \$ 1,800	\$ 10,000 \$ 1,350			
10	PARKS & FORESTRY: TREE CHIPPER	BE	25	\$ 75,000			\$ 7,500 \$ 3,375	\$ 7,500 \$ 3,038	\$ 7,500 \$ 2,700			
5	RINK: REBUILD OF COMPRESSORS	BR	25	\$ 20,000			\$ 4,000 \$ 900	\$ 4,000 \$ 720	\$ 4,000 \$ 540			
5	RINK: UPGRADE INTERNAL LIGHTING TO LED	BR	25	\$ 30,000			\$ 6,000 \$ 1,350	\$ 6,000 \$ 1,080	\$ 6,000 \$ 810			
5	RINK ENERGY MANAGEMENT SYST.	BE	25	\$ 42,000			\$ 8,400 \$ 1,890	\$ 8,400 \$ 1,512	\$ 8,400 \$ 1,134			
10	RINK ENCLOSURE OF OUTSIDE WALLS	BR	25	\$ 30,000			\$ 3,000 \$ 1,350	\$ 3,000 \$ 1,215	\$ 3,000 \$ 1,080			
10	RINK: REPLACE BOILERS	BR	25	\$ 50,000			\$ 5,000 \$ 2,250	\$ 5,000 \$ 2,025	\$ 5,000 \$ 1,800			
				\$ 10,860,000	\$ - \$ -	\$ - \$ -	\$ 1,465,133 \$ 488,700	\$ 1,465,133 \$ 422,769	\$ 1,465,133 \$ 356,838			

TOWN OF WATERTOWN
CIP FY 24 TO FY 28 COST ANALYSIS

				FY 24		FY 25		FY 26		FY 27		FY 28			
				PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST		
		FY	COST												
5	MT. AUBURN ST NON PARTICIPATORY FUNDS	BR	25	\$	1,500,000			\$	300,000	\$	67,500	\$	300,000	\$	40,500
5	ORNAMENTAL STREET LIGHTING	BR	25	\$	300,000			\$	60,000	\$	13,500	\$	60,000	\$	8,100
5	HIGHWAY (CONNECTOR/LONGER STREETS)	STB	25	\$	2,200,000			\$	440,000	\$	99,000	\$	440,000	\$	59,400
5	HIGHWAY RECONSTR BONDS	STB	25	\$	2,200,000			\$	440,000	\$	99,000	\$	440,000	\$	59,400
5	SIDEWALK RECONSTR BONDS	SWB	25	\$	550,000			\$	110,000	\$	24,750	\$	110,000	\$	14,850
				\$	6,750,000	\$	-	\$	1,350,000	\$	303,750	\$	1,350,000	\$	182,250
10	MIDDLE: REMODEL BATHROOMS	BR	25	\$	120,000			\$	12,000	\$	5,400	\$	12,000	\$	4,320
15	MIDDLE: ROOFING REFURBISHING	BR	25	\$	500,000			\$	33,333	\$	22,500	\$	33,333	\$	19,500
15	MIDDLE: HVAC (VRF) 1ST FLOOR	BR	25	\$	400,000			\$	26,667	\$	18,000	\$	26,667	\$	15,600
5	DISTRICT: SECURITY SYSTEM ENHANCEMENTS	BR	25	\$	95,000			\$	19,000	\$	4,275	\$	19,000	\$	2,565
				\$	1,115,000	\$	-	\$	91,000	\$	50,175	\$	91,000	\$	41,985
5	ADMIN BLDG:UPGRADE FIRE ALARM SYST.	BR	26	\$	200,000					\$	40,000	\$	40,000	\$	5,400
15	UPGRADE FIRE PROTECTION SYSTEM	BR	26	\$	500,000					\$	33,333	\$	33,333	\$	19,500
10	ADMIN BLDG: UPGRADE LIGHTING	BR	26	\$	300,000					\$	30,000	\$	30,000	\$	10,800
20	ADMIN BLDG: LIGHTING FIXTURES & ACCESSIBILITY	BR	26	\$	577,000					\$	28,850	\$	28,850	\$	23,369
5	IT: INFRASTRUCTURE IMPROVEMENTS	BE	26	\$	300,000					\$	60,000	\$	60,000	\$	8,100
5	IT: MUNIS FINANCIAL SYSTEM ENHANCEMENTS	BE	26	\$	150,000					\$	30,000	\$	30,000	\$	4,050
5	IT: DOCUMENT SCANNING	BE	26	\$	200,000					\$	40,000	\$	40,000	\$	5,400
5	IT: PUBLIC WIFI	BE	26	\$	500,000					\$	100,000	\$	100,000	\$	13,500
5	IT GOVERNANCE	BE	26	\$	100,000					\$	20,000	\$	20,000	\$	2,700
5	IT: PARKER ANNEX TECHNOLOGY	BR	26	\$	500,000					\$	100,000	\$	100,000	\$	13,500
10	FIRE: PROTECTIVE OUTER GEAR	BE	26	\$	400,000					\$	40,000	\$	40,000	\$	14,400
20	LIBRARY: REPAIR/REPLACE ROOF	BR	26	\$	300,000					\$	15,000	\$	15,000	\$	12,150
5	LIBRARY: FEAS. STDY FOR LIBRARY EXPANSION	BR	26	\$	100,000					\$	20,000	\$	20,000	\$	2,700
5	DPW: ADD EV STATIONS	BR	26	\$	90,000					\$	18,000	\$	18,000	\$	2,430
5	CENTRAL MOTORS: SUPERVISOR VEHICLE	BE	26	\$	50,000					\$	10,000	\$	10,000	\$	1,350
10	HWY: HOT BOX	BE	26	\$	300,000					\$	30,000	\$	30,000	\$	10,800
10	SNOW&ICE: SALTER 6 WHEELER	BE	26	\$	320,000					\$	32,000	\$	32,000	\$	11,520
10	PROP/BLDG: ROUGH TERRAIN FORKLIFT	BE	26	\$	95,000					\$	9,500	\$	9,500	\$	3,420
5	PUB. BLDGS.: SIDEWALK SNOWBLOWER	BE	26	\$	60,000					\$	12,000	\$	12,000	\$	1,620
5	SR CTR: UPGRADE FIRE ALARM SYSTEM	BE	26	\$	200,000					\$	20,000	\$	20,000	\$	7,200
5	SR CTR: REPAIR/ENHANCE BACKPORCH/WALKWAY	BR	26	\$	50,000					\$	10,000	\$	10,000	\$	1,350
10	REC: FILIPPELLO (GROVE) INST PLYGRND EQUIP & R	BR	26	\$	750,000					\$	75,000	\$	75,000	\$	27,000
10	MOXLEY PARK: DESIGN:FIELD, NETS, BLEACHERS, C	BR	26	\$	250,000					\$	25,000	\$	25,000	\$	9,000
10	MOXLEY PARK: INSTALL:FIELD, NETS, BLEACHERS, I	BR	26	\$	2,500,000			\$	-	\$	250,000	\$	250,000	\$	90,000
				\$	8,792,000	\$	-	\$	-	\$	1,048,683	\$	1,048,683	\$	301,259
5	STREETS & SIDEWALKS: UNDERGROUND DUCT	BR	26	\$	300,000					\$	60,000	\$	60,000	\$	8,100
5	STREETS & SIDEWALKS: ORNAMENTAL STREET LIGH	BR	26	\$	300,000					\$	60,000	\$	60,000	\$	8,100
5	HIGHWAY (CONNECTOR/THROUGHWAYS)	STB	26	\$	2,300,000					\$	460,000	\$	460,000	\$	62,100
5	HIGHWAY RECONSTR	STB	26	\$	2,300,000					\$	460,000	\$	460,000	\$	62,100
5	SIDEWALK RECONSTR	SWB	26	\$	575,000					\$	115,000	\$	115,000	\$	15,525
				\$	5,775,000	\$	-	\$	-	\$	1,155,000	\$	1,155,000	\$	155,925
10	MIDDLE: REPL AUD/GYM HVAC UNITS	BR	26	\$	600,000					\$	60,000	\$	60,000	\$	21,600
5	MIDDLE: RELOCATE NURSES OFFICE	BR	26	\$	100,000					\$	20,000	\$	20,000	\$	2,700
5	DISTRICT: SECURITY SYSTEM ENHANCEMENTS	BR	26	\$	95,000			\$	-	\$	19,000	\$	19,000	\$	2,565
				\$	795,000	\$	-	\$	-	\$	99,000	\$	99,000	\$	26,865
10	PARKER: REPACE ROOFTOP PACKAGE UNITS	BR	27	\$	150,000							\$	15,000	\$	6,075
5	IT: INFRASTRUCTURE IMPROVEMENTS	BE	27	\$	300,000							\$	60,000	\$	10,800
5	IT: DOCUMENT SCANNING	BE	27	\$	200,000							\$	40,000	\$	7,200
5	IT: PUBLIC WIFI	BE	27	\$	500,000							\$	100,000	\$	18,000
5	IT GOVERNANCE	BE	27	\$	100,000							\$	20,000	\$	3,600
30	FIRE: EAST END STATION REPLACEMENT	BR	27	\$	10,000,000							\$	333,333	\$	435,000
20	FIRE: Engine Truck Replacment for 2013 Engine 3	BE	27	\$	1,250,000							\$	62,500	\$	53,438
10	POLICE:REPLACE COMPUTERAIDED DISPATCH-RECC	BE	27	\$	969,000							\$	96,900	\$	39,245
15	POLICE: FIRING RANGE HVAC UPGRADE	BE	27	\$	800,000							\$	53,333	\$	33,600
5	DPW: ADD EV STATIONS	BR	27	\$	90,000							\$	18,000	\$	3,240
10	HIGHWAY: HEAVEY DUTY DUMP TRUCK	BE	27	\$	230,000							\$	23,000	\$	9,315
10	HIGHWAY: ELECTRIC STREET SWEEPER	BE	27	\$	600,000							\$	60,000	\$	24,300
10	SNOW & ICE: SIDEWALK TRACTOR	BE	27	\$	200,000							\$	20,000	\$	8,100
5	PARKS & FORESTRY: FARM TRACTOR	BE	27	\$	80,000							\$	16,000	\$	2,880
10	PARKS & FORESTRY: BACKHOE	BE	27	\$	140,000							\$	14,000	\$	5,670
10	PARKS & FORESTRY: 4X4 LANDSCAPE DUMP TR	BE	27	\$	160,000							\$	16,000	\$	6,480
10	FILIPPELO (ARLINGTON) INSTALL PLYGRND EQU & RI	BR	27	\$	800,000							\$	80,000	\$	32,400

TOWN OF WATERTOWN
CIP FY 24 TO FY 28 COST ANALYSIS

			FY	COST	FY 24 PRINCIPAL	INTEREST	FY 25 PRINCIPAL	INTEREST	FY 26 PRINCIPAL	INTEREST	FY 27 PRINCIPAL	INTEREST	FY 28 PRINCIPAL	INTEREST											
10	MOXLEY PK: INSTALL: FIEDLS, NET BLEACHER DUGO	BR	27	\$	2,500,000								\$	250,000	\$	101,250									
5	PUBLIC BLDG: SIDEWALK SNOWBLOWER/CABS	BE	27	\$	60,000								\$	12,000	\$	2,160									
15	SR CTR: ROOF REPLACEMENT	BR	27	\$	150,000								\$	10,000	\$	6,300									
5	SR CTR: EXTERIOR PAINTING	BR	27	\$	50,000								\$	10,000	\$	1,800									
15	SR CTR: REPLACE HVAC EQUIPMENT	BR	27	\$	150,000								\$	10,000	\$	6,300									
10	SR CTR: REPLACE MEETING ROOM FLOORING	BR	27	\$	80,000								\$	8,000	\$	3,240									
				\$	19,559,000								\$	1,328,067	\$	820,392									
5	MIDDLE: BUILDING ENVELOPE REPAIR/MASONARY P	BR	27	\$	250,000								\$	50,000	\$	9,000									
10	MIDDLE: SOUNDPROOFING CAFETERIA	BR	27	\$	150,000								\$	15,000	\$	6,075									
5	DISTRICT: SECURITY SYSTEM ENHANCEMENTS	BR	27	\$	95,000								\$	19,000	\$	3,420									
				\$	495,000								\$	84,000	\$	18,495									
5	STREETS & SIDEWALKS: ORNAMENTAL STREET LIGH	BR	27	\$	300,000								\$	60,000	\$	10,800									
5	HIGHWAY RECONSCTRUTION BONDS	STB	27	\$	2,400,000								\$	480,000	\$	86,400									
5	HWY RECONST-CONNECTOR ROADS/LONGER STREE	STB	27	\$	2,400,000								\$	480,000	\$	86,400									
5	SIDEWALK RECONSTRUCTION BONDS	SWB	27	\$	600,000								\$	120,000	\$	21,600									
				\$	5,700,000								\$	1,140,000	\$	205,200									
TOTAL PLANNED DEBT				\$	112,189,300	\$	3,728,417	\$	1,598,400	\$	6,332,477	\$	2,187,895	\$	9,238,610	\$	2,745,558	\$	11,541,293	\$	3,021,336	\$	14,093,360	\$	3,442,219
TOTAL PERMANENT DEBT						\$	11,590,000	\$	5,182,344	\$	11,125,000	\$	4,637,402	\$	9,665,000	\$	4,131,276	\$	9,295,000	\$	3,670,450	\$	8,750,000	\$	3,222,061
TOTAL AUTHORIZED UNISSUED DEBT						\$	6,100,493	\$	4,505,075	\$	7,267,160	\$	6,480,148	\$	8,933,827	\$	8,403,126	\$	8,933,827	\$	8,001,104	\$	8,933,827	\$	7,599,081
TOTAL PLANNED DEBT (FY24 - FY 28)						\$	3,728,416	\$	1,598,400	\$	6,332,476	\$	2,187,896	\$	9,238,609	\$	2,745,559	\$	11,541,292	\$	3,021,336	\$	14,093,359	\$	3,442,219
TOTAL						\$	21,418,908	\$	11,285,820	\$	24,724,636	\$	13,305,446	\$	27,837,436	\$	15,279,961	\$	29,770,119	\$	14,692,889	\$	31,777,186	\$	14,263,361
						\$	32,704,728			\$	38,030,082			\$	43,117,397			\$	44,463,009			\$	46,040,547		

	FY 24 PRINCIPAL	INTEREST	FY 25 PRINCIPAL	INTEREST	FY 26 PRINCIPAL	INTEREST	FY 27 PRINCIPAL	INTEREST	FY 28 PRINCIPAL	INTEREST
Permanent Debt/Interest	\$ 4,995,000	\$ 2,155,056	\$ 4,750,000	\$ 943,427	\$ 3,285,000	\$ 747,901	\$ 2,910,000	\$ 597,500	\$ 2,409,000	\$ 459,911
ESCO - Permanent Debt/Interest	\$ 375,000	\$ 119,438	\$ 385,000	\$ 108,225	\$ 395,000	\$ 97,125	\$ 400,000	\$ 85,950	\$ 410,000	\$ 74,400
Three Elem. School Proj. - Permanent Debt/Interest	\$ 6,220,000	\$ 2,907,850	\$ 5,990,000	\$ 3,585,750	\$ 5,985,000	\$ 3,286,250	\$ 5,985,000	\$ 2,987,000	\$ 5,931,000	\$ 2,687,750
TOTAL PERMANENT DEBT/INTEREST	\$ 11,590,000	\$ 5,182,344	\$ 11,125,000	\$ 4,637,402	\$ 9,665,000	\$ 4,131,276	\$ 9,295,000	\$ 3,670,450	\$ 8,750,000	\$ 3,222,061
Street & Sidewalk - Auth/Unissued & Planned	\$ 3,585,000	\$ 874,125	\$ 4,990,000	\$ 1,028,925	\$ 6,340,000	\$ 1,108,125	\$ 7,495,000	\$ 1,082,700	\$ 8,635,000	\$ 898,650
Three Elem. School Proj. - Authorized/Unissued	\$ 1,334,200	\$ 1,200,780	\$ 1,334,200	\$ 1,140,741	\$ 1,334,200	\$ 1,080,702	\$ 1,334,200	\$ 1,020,663	\$ 1,334,200	\$ 960,624
New High School - Authorized/Unissued	\$ 2,493,293	\$ 2,713,445	\$ 3,659,960	\$ 4,850,842	\$ 5,326,627	\$ 6,936,144	\$ 5,326,627	\$ 6,696,446	\$ 5,326,627	\$ 6,456,747
Other Debt - Authorized/Unissued & Planned	\$ 2,416,416	\$ 1,315,125	\$ 3,615,476	\$ 1,647,536	\$ 5,171,609	\$ 2,023,714	\$ 6,319,292	\$ 2,222,631	\$ 7,731,359	\$ 2,725,279
TOTAL AUTHORIZED/UNISSUED & PLANNED DEBT	\$ 9,828,908	\$ 6,103,475	\$ 13,599,636	\$ 8,668,044	\$ 18,172,436	\$ 11,148,685	\$ 20,475,119	\$ 11,022,439	\$ 23,027,186	\$ 11,041,300
TOTAL PERMANENT, AUTH./UNISSUED & PLANNED DEBT	\$ 21,418,908	\$ 11,285,819	\$ 24,724,636	\$ 13,305,446	\$ 27,837,436	\$ 15,279,961	\$ 29,770,119	\$ 14,692,889	\$ 31,777,186	\$ 14,263,361
	\$ 32,704,728		\$ 38,030,082		\$ 43,117,397		\$ 44,463,009		\$ 46,040,547	

FY 2024-2028
CIP ENTERPRISE FUND DEBT PROJECTION

Attachment H

	A	B	C	D	E	F	G	H
				FY'24	FY'25	FY'26	FY'27	FY'28
1								
2	SEWER PERMANENT DEBT							
3	FY14 Refunding Bond Issue (May 14)							
4	Prin (675,000) - DPW Building			\$ 67,500	\$ -	\$ -	\$ -	\$ -
5	L/T Int			\$ 1,688	\$ -	\$ -	\$ -	\$ -
6	Subtotal			\$ 69,188	\$ -	\$ -	\$ -	\$ -
7								
8	FY 18 Bond (January 18)							
9	Prin (565,550) - Various Equipment			\$ 50,000	\$ 50,000	\$ 45,000	\$ 45,000	\$ 45,000
10	L/T Int			\$ 9,400	\$ 7,400	\$ 5,400	\$ 3,600	\$ 1,800
11	Subtotal			\$ 59,400	\$ 57,400	\$ 50,400	\$ 48,600	\$ 46,800
12								
13	FY18 Bond (March 19)							
14	Prin (262,500) - MWRA			\$ 26,250	\$ 26,250	\$ 26,250	\$ 26,250	\$ 26,250
15	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
16	Subtotal			\$ 26,250	\$ 26,250	\$ 26,250	\$ 26,250	\$ 26,250
17								
18	FY 19 Bond (June 19)							
19	Prin (139,000) - Various Equipment			\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 10,000
20	L/T Int			\$ 3,750	\$ 3,000	\$ 2,250	\$ 1,500	\$ 750
21	Subtotal			\$ 18,750	\$ 18,000	\$ 17,250	\$ 16,500	\$ 10,750
22								
23	FY19 Bond (December 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	FY20 Bond (June 21)							
29	Prin (262,500) - MWRA			\$ 26,250	\$ 26,250	\$ 26,250	\$ 26,250	\$ 26,250
30	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
31	Subtotal			\$ 26,250	\$ 26,250	\$ 26,250	\$ 26,250	\$ 26,250
32								
33	FY22 Bond (October 22)							
34	Prin (382,500) - MWRA			\$ 38,250	\$ 38,250	\$ 38,250	\$ 38,250	\$ 38,250
35	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
36	Subtotal			\$ 38,250	\$ 38,250	\$ 38,250	\$ 38,250	\$ 38,250
37								
38	SEWER PERMANENT DEBT							
39	Prin			\$ 249,500	\$ 182,000	\$ 177,000	\$ 177,000	\$ 172,000
40	L/T Int			\$ 14,838	\$ 10,400	\$ 7,650	\$ 5,100	\$ 2,550
41	TOTAL SEWER PERMANENT DEBT			\$ 264,338	\$ 192,400	\$ 184,650	\$ 182,100	\$ 174,550
42								
43								

FY 2024-2028
CIP ENTERPRISE FUND DEBT PROJECTION

	A	B	C	D	E	F	G	H
1				FY'24	FY'25	FY'26	FY'27	FY'28
44	SEWER AUTHORIZED UNISSUED DEBT							
45	FY18 Bond (June 18)							
46	Prin (160,000) See schedule			\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000
47	L/T Int (4.5%)			\$ 5,760	\$ 5,040	\$ 4,320	\$ 3,600	\$ 2,880
48	Subtotal			\$ 21,760	\$ 21,040	\$ 20,320	\$ 19,600	\$ 18,880
49								
50	FY22 Bond (May 22)							
51	Prin (750,000)			\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
52	L/T Int (4.5%)			\$ 33,750	\$ 30,375	\$ 27,000	\$ 23,625	\$ 20,250
53	Subtotal			\$ 108,750	\$ 105,375	\$ 102,000	98,625	95,250
54								
55	FY23 Bond (June 23)							
56	Prin (750,000) - See Schedule			\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
57	L/T Int (4.5%)			\$ 33,750	\$ 30,375	\$ 27,000	\$ 23,625	\$ 23,625
58	Subtotal			\$ 108,750	\$ 105,375	\$ 102,000	98,625	98,625
59								
60	Prin			\$ 166,000	\$ 166,000	\$ 166,000	\$ 166,000	\$ 166,000
61	L/T Int			\$ 73,260	\$ 65,790	\$ 58,320	\$ 50,850	\$ 46,755
62	TOTAL SEWER AUTHORIZED UNISSUED DEBT			\$ 239,260	\$ 231,790	\$ 224,320	\$ 216,850	\$ 212,755
63								
64	SEWER PLANNED DEBT							
65	FY19 Bond (June 21)							
66	Prin (270,000) - Heavy Crane			\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000
67	L/T Int (0%)			\$ 12,150	\$ 10,935	\$ 9,720	\$ 8,505	\$ 7,290
68	Subtotal			\$ 39,150	\$ 37,935	\$ 36,720	35,505	34,290
69								
70	FY24 Bond (June 24)							
71	Prin (1,370,000) - See Schedule			\$ -	\$ 137,000	\$ 137,000	\$ 137,000	\$ 137,000
72	L/T Int (4.5%)			\$ -	\$ 61,650	\$ 55,485	\$ 49,320	\$ 49,320
73	Subtotal			\$ -	\$ 198,650	\$ 192,485	\$ 186,320	\$ 186,320
74								
75	FY24 Bond (June 24)							
76	Prin (330,000) - MWRA				\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000
77	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
78	Subtotal			\$ -	\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000
79								
80	FY25 Bond (June 25)							
81	Prin (1,270,000) - See Schedule			\$ -	\$ -	\$ 127,000	\$ 127,000	\$ 127,000
82	L/T Int (4.5%)			\$ -	\$ -	\$ 57,150	\$ 51,435	\$ 45,720
83	Subtotal			\$ -	\$ -	\$ 184,150	\$ 178,435	\$ 172,720
84								
85								

FY 2024-2028
CIP ENTERPRISE FUND DEBT PROJECTION

	A	B	C	D	E	F	G	H
				FY'24	FY'25	FY'26	FY'27	FY'28
86	FY25 Bond (June 25)							
87	Prin (1,620,000) - MWRA			\$ -	\$ -	\$ 162,000	\$ 162,000	\$ 162,000
88	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
89	Subtotal			\$ -	\$ -	\$ 162,000	\$ 162,000	\$ 162,000
90								
91	FY26 Bond (June 26)							
92	Prin (930,000) - See Schedule			\$ -	\$ -	\$ -	\$ 93,000	\$ 93,000
93	L/T Int (4.5%)			\$ -	\$ -	\$ -	\$ 41,850	\$ 37,665
94	Subtotal			\$ -	\$ -	\$ -	\$ 134,850	\$ 130,665
95								
96	FY26 Bond (June 26)							
97	Prin (330,000) - MWRA			\$ -			\$ 33,000	\$ 33,000
98	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
99	Subtotal			\$ -	\$ -	\$ -	\$ 33,000	\$ 33,000
100								
101	FY27 Bond (June 27)							
102	Prin (750,000) - See Schedule			\$ -	\$ -	\$ -	\$ -	\$ 75,000
103	L/T Int (4.5%)			\$ -	\$ -	\$ -	\$ -	\$ 33,750
104	Subtotal			\$ -	\$ -	\$ -	\$ -	\$ 108,750
105								
106	FY27 Bond (June 27)							
107	Prin (330,000) - MWRA			\$ -	\$ -	\$ -	\$ -	\$ 33,000
108	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
109	Subtotal			\$ -	\$ -	\$ -	\$ -	\$ 33,000
110								
111	Prin			\$ 36,400	\$ 204,400	\$ 491,400	\$ 615,600	\$ 721,800
112	L/T Int			\$ 12,150	\$ 72,585	\$ 122,355	\$ 151,110	\$ 139,995
113	TOTAL SEWER PLANNED DEBT			\$ 48,550	\$ 276,985	\$ 613,755	\$ 766,710	\$ 861,795
114								
115	SEWER PERMANENT, AUTH. UNISSUED AND PLANNED DEBT							
116	Prin			\$ 451,900	\$ 552,400	\$ 834,400	\$ 958,600	\$ 1,059,800
117	L/T Int			\$ 100,248	\$ 148,775	\$ 188,325	\$ 207,060	\$ 189,300
118	TOTAL SEWER PERMANENT, AUTH. UNISSUED AND PLANNED DEBT			\$ 552,148	\$ 701,175	\$ 1,022,725	\$ 1,165,660	\$ 1,249,100
119								
120	WATER PERMANENT DEBT							
121								
122	FY14 Refunding Bond Issue (May 14)							
123	Prin (675,000) - DPW Building			\$ 67,500	\$ -	\$ -	\$ -	\$ -
124	L/T Int			\$ 1,688	\$ -	\$ -	\$ -	\$ -
125	Subtotal			\$ 69,188	\$ -	\$ -	\$ -	\$ -
126								
127								

FY 2024-2028
CIP ENTERPRISE FUND DEBT PROJECTION

	A	B	C	D	E	F	G	H
1				FY'24	FY'25	FY'26	FY'27	FY'28
128	FY15 Bond (August 15)							
129	Prin (900,000) MWRA LWSAP			\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -
130	L/T Int			\$ -	\$ -	\$ -	\$ -	\$ -
131	Subtotal			\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -
132								
133	FY15 Bond (April 16)							
134	Prin (140,000) See Schedule			\$ 15,000	\$ 15,000	\$ -	\$ -	\$ -
135	L/T Int			\$ 900	\$ 450	\$ -	\$ -	\$ -
136	Subtotal			\$ 15,900	\$ 15,450	\$ -	\$ -	\$ -
137								
138	FY 16 Bond (November 16)							
139	Prin (500,000) MWRA LWSAP			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -
140	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
141	Subtotal			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -
142								
143	FY 18 Bond (January 18)							
144	Prin (164,450) - Backhoe			\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
145	L/T Int			\$ 3,000	\$ 2,400	\$ 1,800	\$ 1,200	\$ 600
146	Subtotal			\$ 18,000	\$ 17,400	\$ 16,800	\$ 16,200	\$ 15,600
147								
148	FY 18 Bond (February 18)							
149	Prin (478,000) - MWRA			\$ 47,800	\$ 47,800	\$ 47,800	\$ 47,800	\$ 47,800
150	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
151	Subtotal			\$ 47,800	\$ 47,800	\$ 47,800	\$ 47,800	\$ 47,800
152								
153	FY18 Bond (March 19)							
154	Prin (500,000) MWRA LWSAP			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
155	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
156	Subtotal			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
157								
158	FY 19 Bond (June 19)							
159	Prin (181,500) - Various Equipment			\$ 20,000	\$ 20,000	\$ 20,000	\$ 15,000	\$ 15,000
160	L/T Int			\$ 5,000	\$ 4,000	\$ 3,000	\$ 2,000	\$ 1,250
161	Subtotal			\$ 25,000	\$ 24,000	\$ 23,000	\$ 17,000	\$ 16,250
162								
163	FY19 Bond (February 20)							
164	Prin (500,000) - MWRA			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
165	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
166	Subtotal			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
167								
168								
169								

FY 2024-2028
CIP ENTERPRISE FUND DEBT PROJECTION

	A	B	C	D	E	F	G	H
				FY'24	FY'25	FY'26	FY'27	FY'28
170	FY20 Bond (June 21)							
171	Prin (500,000) - MWRA			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
172	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
173	Subtotal			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
174								
175	FY20 Bond (June 21)							
176	Prin (600,000) - MWRA			\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
177	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
178	Subtotal			\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
179								
180	FY21 Bond (October 21)							
181	Prin (4,733,900) See Schedule			\$ 425,000	\$ 425,000	\$ 420,000	\$ 420,000	\$ 420,000
182	L/T Int (4.5%)			\$ 189,500	\$ 168,250	\$ 147,000	\$ 126,000	\$ 105,000
183	Subtotal			\$ 614,500	\$ 593,250	\$ 567,000	\$ 546,000	\$ 525,000
184								
185	FY22 Bond (October 22)							
186	Prin (1,000,000) MWRA LWSAP			\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
187	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
188	Subtotal			\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
189								
190	FY22 Bond (August 22)							
191	Prin (300,000) MWRA LLP			\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
192	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
193	Subtotal			\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
194								
195	FY22 Bond (February 23)							
196	Prin (300,000) MWRA LLP			\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
197	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
198	Subtotal			\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
199								
200	FY22 Bond (August 22)							
201	Prin (183,000) MWRA LLP			\$ 18,300	\$ 18,300	\$ 18,300	\$ 18,300	\$ 18,300
202	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
203	Subtotal			\$ 18,300	\$ 18,300	\$ 18,300	\$ 18,300	\$ 18,300
204								
205	WATER PERMANENT DEBT							
206	Prin			\$ 1,078,600	\$ 1,011,100	\$ 991,100	\$ 936,100	\$ 886,100
207	L/T Int			\$ 200,088	\$ 175,100	\$ 151,800	\$ 129,200	\$ 106,850
208	TOTAL WATER PERMANENT DEBT			\$ 1,278,688	\$ 1,186,200	\$ 1,142,900	\$ 1,065,300	\$ 992,950
209								
210								
211								

FY 2024-2028
CIP ENTERPRISE FUND DEBT PROJECTION

	A	B	C	D	E	F	G	H
1				FY'24	FY'25	FY'26	FY'27	FY'28
212	WATER AUTHORIZED UNISSUED DEBT							
213	FY18 Bond (June 18)							
214	Prin (210,000) See Schedule			\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000
215	L/T Int (4.5%)			\$ 8,505	\$ 7,560	\$ 6,615	\$ 5,670	\$ 5,670
216	Subtotal			\$ 29,505	\$ 28,560	\$ 27,615	\$ 26,670	\$ 26,670
217								
218	FY22 Bond (May 22)							
219	Prin (317,000) LLP			\$ 31,700	\$ 31,700	\$ 31,700	\$ 31,700	\$ 31,700
220	L/T Int (0%)							
221	Subtotal			\$ 31,700	\$ 31,700	\$ 31,700	\$ 31,700	\$ 31,700
222								
223	WATER AUTHORIZED UNISSUED DEBT							
224	Prin			\$ 52,700	\$ 52,700	\$ 52,700	\$ 52,700	\$ 52,700
225	L/T Int			\$ 8,505	\$ 7,560	\$ 6,615	\$ 5,670	\$ 5,670
226	TOTAL WATER AUTHORIZED UNISSUED DEBT			\$ 61,205	\$ 60,260	\$ 59,315	\$ 58,370	\$ 58,370
227								
228	WATER PLANNED BOND DEBT							
229								
230	FY23 Bond (June 23)							
231	Prin (300,000) MWRA LLP			\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
232	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
233	Subtotal			\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
234								
235	FY24 Bond (June 24)							
236	Prin (800,000) MWRA LWSAP & LLP			\$ -	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
237	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
238	Subtotal			\$ -	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
239								
240	FY25 Bond (June 25)							
241	Prin (800,000) MWRA LWSAP & LLP			\$ -	\$ -	\$ 80,000	\$ 80,000	\$ 80,000
242	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
243	Subtotal			\$ -	\$ -	\$ 80,000	\$ 80,000	\$ 80,000
244								
245	FY25 Bond (June 25)							
246	Prin (530,000) see schedule					\$ 61,000	\$ 61,000	\$ 61,000
247	L/T Int (4.5.%)					\$ 23,850	\$ 21,105	\$ 18,360
248	Subtotal			\$ -	\$ -	\$ 84,850	\$ 82,105	\$ 79,360
249								
250	FY26 Bond (June 26)							
251	Prin (800,000) MWRA LWSAP & LLP			\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000
252	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
253	Subtotal			\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000
254								

FY 2024-2028
CIP ENTERPRISE FUND DEBT PROJECTION

	A	B	C	D	E	F	G	H
1				FY'24	FY'25	FY'26	FY'27	FY'28
255	FY26 Bond (June 26)							
256	Prin (370,000) see schedule			\$ -	\$ -	\$ -	\$ 37,000	\$ 37,000
257	L/T Int (4.5.%)			\$ -	\$ -	\$ -	\$ 16,650	\$ 14,985
258	Subtotal			\$ -	\$ -	\$ -	\$ 53,650	\$ 51,985
259								
260	FY27 Bond (June 27)							
261	Prin (800,000) MWRA LWSAP & LLP			\$ -	\$ -	\$ -	\$ -	\$ 80,000
262	L/T Int (0%)			\$ -	\$ -	\$ -	\$ -	\$ -
263	Subtotal			\$ -	\$ -			80,000
264								
265	FY27 Bond (June 27)							
266	Prin (355,000) see schedule			\$ -	\$ -	\$ -		\$ 35,500
267	L/T Int (4.5.%)			\$ -	\$ -	\$ -		\$ 15,975
268	Subtotal			\$ -	\$ -	\$ -		\$ 51,475
269								
270								
271	WATER PLANNED DEBT							
272	Prin			\$ 210,000	\$ 290,000	\$ 431,000	\$ 548,000	\$ 663,500
273	L/T Int			\$ -	\$ -	\$ 23,850	\$ 37,755	\$ 49,320
274	TOTAL WATER PLANNED DEBT			\$ 210,000	\$ 290,000	\$ 454,850	\$ 585,755	\$ 712,820
275								
276	WATER PERMANENT, AUTH. UNISSUED AND PLANNED DEBT							
277	Prin			\$ 1,341,300	\$ 1,353,800	\$ 1,474,800	\$ 1,536,800	\$ 1,602,300
278	L/T Int			\$ 208,593	\$ 182,660	\$ 182,265	\$ 172,625	\$ 161,840
279	TOTAL WATER PERMANENT, AUTH. UNISSUED AND PLANNED DEBT			\$ 1,549,893	\$ 1,536,460	\$ 1,657,065	\$ 1,709,425	\$ 1,764,140
280								
281	TOTAL WATER AND SEWER DEBT							
282	Long Term Principal			\$ 1,793,200	\$ 1,906,200	\$ 2,309,200	\$ 2,495,400	\$ 2,662,100
283	Long Term Interest			\$ 308,840	\$ 331,435	\$ 370,590	\$ 379,685	\$ 351,140
284	TOTAL WATER AND SEWER DEBT			\$ 2,102,040	\$ 2,237,635	\$ 2,679,790	\$ 2,875,085	\$ 3,013,240



Watertown Contributory Retirement Board
Administration Building
149 MAIN STREET
WATERTOWN, MA 02472
TEL (617) 972-6456 - FAX (617) 923-3531
www.watertownretirement.com

THOMAS V. THIBAUT, JR., Chairman
THOMAS J. TRACY, Ex-Officio

DOMENIC ARONE, Elected Member
JOHN T. LOUGHRAN, Appointed Member
KATHLEEN KIELY-BECCHETTI, Fifth Member

January 26, 2023

George Proakis, City Manager
Watertown City Council
Administration Building
Watertown, MA 02472

RE: Chapter 269 of the Acts of 2022
An Act Relative to Cost-Of-Living Adjustments for Retirees

Dear Mr. Proakis and Honorable Council Members:

On November 16th 2022, the Governor signed into law Chapter 269 of the Acts of 2022, a local option which allows municipal retirement systems to provide a one-time increase to the Cost of Living Adjustment (COLA) granted to retirees in FY 2023, from 3% to 5% of the COLA base.

The COLA base for retirees and beneficiaries of the Watertown Retirement System is \$14,000. As of the most recent valuation of the System, January 1, 2022, there were 358 retired members and beneficiaries of the System, with an average gross monthly retirement allowance of \$33,983.00, and an average age of 75.17 years.

If approved, this one-time increase of 2% to the COLA percentage for FY 2023 would result in an additional FY 2023 COLA of \$280 for retirees and beneficiaries whose pensions exceed \$14,000, from the previously granted \$420 to \$700. Retirees and beneficiaries receiving annual pensions of less than \$14,000 would receive proportionately less (e.g., at \$10,000/year, the FY 2023 COLA would increase \$200, from \$300 to \$500).

Acceptance of the law is conditioned upon approval by the municipal retirement board and, in the City of Watertown, upon recommendation of approval by the City Manager and approval by the City Council. Time is of the essence, as acceptance must take place prior to June 30, 2023.

At its meeting of January 19, 2023, the Watertown Retirement Board reviewed the cost and funding analysis provided by the System's actuary, which is attached hereto. After discussion, the Board unanimously voted to accept the one-time increase of the additional 2%, and to respectfully request approval by the City Council upon recommendation of the City Manager.

Thank you for your kind consideration and attention to this important matter.

Sincerely,

Thomas V. Thibaut, Jr., Chairman

enc: Chapter 269 of the Acts of 2022
Actuarial Analysis

Acts (2022)

Chapter 269

AN ACT RELATIVE TO COST-OF-LIVING ADJUSTMENTS FOR RETIREES

Whereas, The deferred operation of this act would tend to defeat its purpose, which is to provide for increased cost-of-living adjustments for retirees, therefore it is hereby declared to be an emergency law, necessary for the immediate preservation of the public convenience.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

SECTION 1. (a) (1) Notwithstanding section 103 of chapter 32 of the General Laws or any other general or special law to the contrary, the retirement board of any system that has accepted said section 103 may elect to establish a cost-of-living adjustment increase of not less than 3 per cent and not greater than 5 per cent on the base amount provided for in said section 103 for fiscal year 2023.

(2) The sum of the dollar amount of the cost-of-living increase on the base amount, together with the amount of retirement allowance, pension or annuity to which the cost-of-living increase is applied,

shall become the fixed retirement allowance, pension or annuity for all future purposes, including the application of subsequent cost-of-living adjustments in future years.

(b) A retirement board may grant a cost-of-living increase of not less than 3 per cent and not greater than 5 per cent on the base amount for fiscal year 2023 at any time during the fiscal year.

(c) This section shall take effect for the members of a retirement system by a majority vote of the board of such system and upon local acceptance: (i) of the city council upon recommendation of the mayor in a city, (ii) of the city council upon recommendation of the city manager in a city having a Plan D or Plan E charter, (iii) of the chief executive officer, as defined in section 7 of chapter 4 of the General Laws, in a town, (iv) of the county commissioners in a county and (v) by vote of the governing board, commission or committee in a district or other political subdivision of the commonwealth. For any retirement system comprising more than 1 political subdivision of the commonwealth, this section shall be effective by a majority vote of the board of such system and upon the acceptance of two-thirds of cities and towns within the system by approval of: (i) the city council upon recommendation of the mayor in a city, (ii) the city council upon recommendation of the city manager in a city having a Plan D or Plan E charter, and (iii) the chief executive officer, as defined in section 7 of chapter 4 of the General Laws, in a town.

SECTION 2. This act shall take effect on July 1, 2022.

Approved, November 16, 2022.

Report Summary:

Highlights

	5% COLA one-time <u>January 1, 2022</u>	Current <u>January 1, 2022</u>	<u>Difference</u>
<u>Contributions</u>			
Funding Schedule FY 2023	\$1,307,563	\$1,307,563	
Funding Schedule FY 2024	\$925,144	\$925,144	\$0
<u>Funded Ratio</u>			
GAS No. 25	103.7%	104.1%	
<u>Participants</u>			
Actives	525	525	
Retirees and Beneficiaries	358	358	
Vested	0	0	
Inactives	201	201	
Disabled	<u>60</u>	<u>60</u>	
Total	1,144	1,144	
<u>Payroll</u>			
Payroll of Active Members	\$38,164,294	\$38,164,294	
Average Payroll	72,694	72,694	
<u>Normal Cost</u>			
Employer	425,465	425,465	\$0
Employee	3,473,433	3,473,433	
Administrative Expenses	<u>340,000</u>	<u>340,000</u>	
Total	4,238,898	4,238,898	\$0
<u>Actuarial Accrued Liabilities</u>			
Actives	104,883,912	104,883,912	\$0
Retirees, Beneficiaries, Disabilities and Inactives	<u>145,939,778</u>	<u>144,933,653</u>	\$1,006,125
Total	250,823,690	249,817,565	\$1,006,125
<u>Actuarial Value of Assets</u>			
	<u>260,164,732</u>	<u>260,164,732</u>	
<u>Unfunded Actuarial Accrued Liabilities</u>	(\$9,341,042)	(\$10,347,167)	\$1,006,125