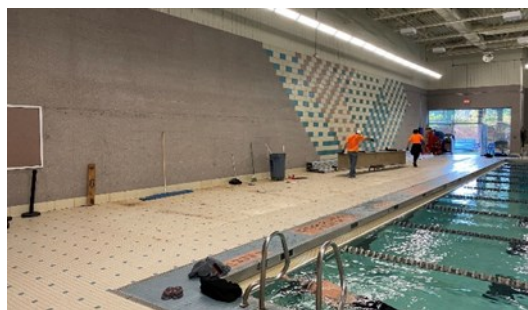


# **Town of West Hartford, Connecticut**

## **PROGRAM FOR CAPITAL IMPROVEMENTS 2024-2035**



**Adopted by the Town Council**

# **Capital Improvement Program**

West Hartford  
Connecticut



WEST  
HARTFORD

**ADOPTED  
2024-2035**



April 25, 2023

Town Council  
Town Plan & Zoning Commission

## Re: Adopted FY 2024-2035 Capital Improvement Program

I am pleased to transmit the Town's Adopted Capital Improvement Program totaling \$405,198,000 for fiscal years 2024-2035. This plan is in accordance with the guidelines of the Town's capital financing policy (see pages 1-10 to 1-11).

A summary of the first two years of the Adopted 12-year plan is as follows (amounts are shown in thousands of dollars).

	<u>FY 2024</u>	<u>FY 2025</u>
<b>Transportation &amp; Circulation</b>	<b>14,243</b>	<b>13,214</b>
<b>Education</b>	<b>11,047</b>	<b>14,615</b>
<b>Parks &amp; Recreation</b>	<b>2,000</b>	<b>4,975</b>
<b>Town Building Improvements</b>	<b>5,018</b>	<b>5,112</b>
<b>Governmental Operations</b>	<b>861</b>	<b>1,110</b>
<b>Rolling Stock\Misc. Equipment</b>	<b><u>3,583</u></b>	<b><u>1,405</u></b>
<b>Total</b>	<b>36,752</b>	<b>40,431</b>

This Adopted budget incorporates increases in repetitive project areas that are reflective of the construction price escalations that are prevalent in all trades. While construction prices have not yet moderated, the need for capital improvements still remains. The projects in this plan will address various needs from streets to schools to parks and Town Buildings to capital equipment and technology. Each are important and each must be addressed. Please recall that the Town's infrastructure encompasses 2.4 million square feet of buildings, 217 miles of roads, 300 miles of sidewalks, and over 170 acres of parks and playgrounds. In addition, the Town is responsible for maintaining a fleet and related equipment valued at over \$17 million as well as a significant computer inventory. The Town's infrastructure includes some distinctive recreational assets, such as Rockledge Golf Course, Cornerstone Aquatics Center, Veterans Memorial Ice Rink, and Westmoor Park.

While this plan recognizes the Town's capital needs, we continue to be cognizant of the ability of the Town's taxpayers to finance these needs. Our ultimate goal is to attempt to find that balance and maintain the Town's infrastructure, buildings, parks and capital equipment and technology.



The Town finances the CIP through the planned issuance of debt, the receipt of federal and state grants, the use of contributions from the General Fund to the Capital Non-Recurring Fund (CNRE) and the conservative use of CNRE unallocated reserves.

This budget includes funding for recurring projects such as repaving streets, maintaining public facilities and modernizing our technology requirements. Also included are multi-year durational projects such as addressing air quality at our schools and flood mitigation in specific areas where flooding is an ongoing concern.

There are also some unique projects such as funding a complete renovation of the Rockledge Golf Course driving range. This project calls for constructing an enclosed area that could be used year round (weather permitting) which will provide an additional amenity to the Town's first class golf course and restaurant. Additional projects include the construction of a fueling area at the Town's Brixton Street Public Works facility; the purchase of a replacement fire apparatus and much needed building improvements at the Town's Police Department.

Other notable projects include the continuation of the Flood Mitigation Infrastructure Improvements project (\$7M in Years 1 and 2), Elementary School Air Quality (\$9M in Years 1 and 2), Wolcott School Security Improvements (\$3M in Years 1 and 2), Eisenhower Pool and Bathhouse Replacement (\$2M in Year 2). An additional significant project is the West Hartford Center Infrastructure Master Plan. This project applies \$2,200,000 of grant funds for improvements from Farmington Avenue to Ellsworth Road including the intersections at Arapahoe Road and Ellsworth Road. Program elements include sidewalk expansions, replacement of sidewalk surfaces, replacement of street trees and tree wells, sidewalk furniture, low impact development drainage improvements, traffic calming improvements, roadway repaving, and new pavement markings.

In summary, we believe that the capital investments included in the adopted CIP will serve to ensure the continued preservation and improvement of our capital assets, and to maintain the excellent quality of life enjoyed by our community.

Sincerely,

Richard C. Ledwith  
Town Manager

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**CAPITAL IMPROVEMENT  
PROGRAM**

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**CAPITAL IMPROVEMENT  
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## CAPITAL IMPROVEMENT PROGRAM

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### CAPITAL FINANCING SUMMARY

The 2024-2035 Capital Improvement Program (CIP) invests \$405,198,000 in the West Hartford community over the next twelve years. These funds will be invested in Town and School buildings, transportation and infrastructure, parks and recreational projects and capital equipment.

While the CIP is comprised primarily of recurring projects whose purpose is to maintain the infrastructure of the Town and prevent expensive repairs, there are also a few non-recurring projects as noted below.

- **Transportation and Circulation:** LaSalle Road Reconstruction Project applies \$2,200,000 of grant funds to improvements from Farmington Avenue to Ellsworth Road including the intersections at Arapahoe Road and Ellsworth Road. Program elements include sidewalk expansions, replacement of sidewalk surfaces, replacement of street trees and tree wells, sidewalk furniture, low impact development drainage improvements, traffic calming improvements, roadway repaving, and new pavement markings.
- **Education:** Wolcott Elementary School's main office is located internally in the building, limiting the ability of staff too safely allow visitors into the school. This project would create a small addition at the front of the building for the main office. This configuration would address the safety concern that currently exists, in addition would allow for renovation of the existing main office into several small group learning rooms to address the need for additional services. The project has a duration of two years, planned to start in Year 1, and has a total cost of \$3,000,000
- **Town Building Improvements:** installation of a fuel facility will benefit the Town by saving on the retail and operational costs associated with the day to day operations of the Public Works fleet and by providing an emergency fuel source during natural disasters or catastrophic events. The funding (Year 1 \$1,000,000) for this project will be used to install two 10,000 gallon concrete above-ground fuel storage tanks with secondary containment and vehicle impact and projectile resistance at the Public Works facility. The tanks would have self-mounted fuel dispensers and have an autonomous fuel control and accounting system with a canopy.
- **Miscellaneous Equipment:** Year 1 of the plan includes \$180,000 for a Work Order Management System. This system is critical for the ability to capture and track the progress of all issues assigned to Public Works, record actions taken, provide operational metrics, and report to management by area of responsibility. In addition, it provides proactive information for the servicing of fleet vehicles helping to minimize reactive maintenance, capturing parts used and their associated costs for all equipment repaired.

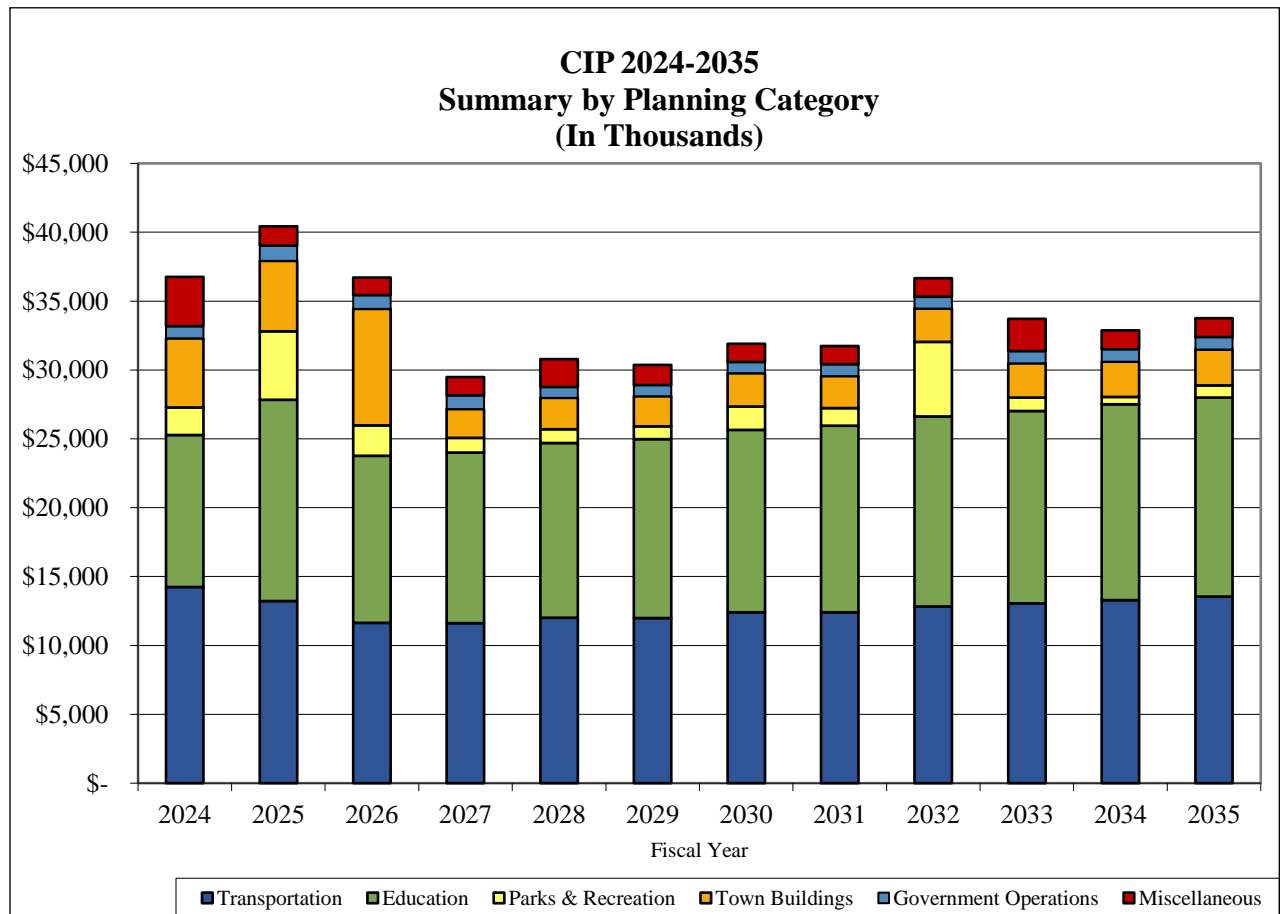
The Town utilizes four main financing sources for projects in the CIP: long-term debt (General Obligation Bonds), the Capital and Non-Recurring Expenditure (CNRE) Fund, State and Federal grants, and "other" funds. Projects being financed via other funds include projects at Rockledge Golf Course, which are financed through capital projects user fees for golfers, projects at Westmoor Park, which are financed through use of the Westmoor Park fund balance, and projects eligible for funding under the Community Development Block Grant program.

Twelve-year summaries of the Capital Improvement Plan by planning category and by financing source are found on the following pages.

# CAPITAL IMPROVEMENT PROGRAM

## Town of West Hartford Capital Improvement Plan 2024-2035 Summary by Planning Category (In Thousands)

Fiscal Year	Transportation & Infrastructure	Education	Parks & Recreation	Town Buildings	Government Operations	Rolling Stock & Misc. Equipment	Total
2024	14,243	11,047	2,000	5,018	861	3,583	36,752
2025	13,214	14,615	4,975	5,112	1,110	1,405	40,431
2026	11,639	12,140	2,195	8,468	987	1,275	36,704
2027	11,620	12,390	1,070	2,076	1,010	1,310	29,476
2028	12,012	12,690	995	2,285	783	2,020	30,785
2029	11,997	12,990	910	2,196	806	1,470	30,369
2030	12,406	13,240	1,700	2,409	831	1,320	31,906
2031	12,399	13,565	1,260	2,324	856	1,345	31,749
2032	12,829	13,790	5,425	2,409	856	1,355	36,664
2033	13,059	13,965	970	2,482	882	2,363	33,721
2034	13,295	14,215	525	2,557	908	1,371	32,871
2035	<u>13,538</u>	<u>14,465</u>	<u>885</u>	<u>2,589</u>	<u>922</u>	<u>1,371</u>	<u>33,770</u>
TOTAL	152,251	159,112	22,910	39,925	10,812	20,188	405,198



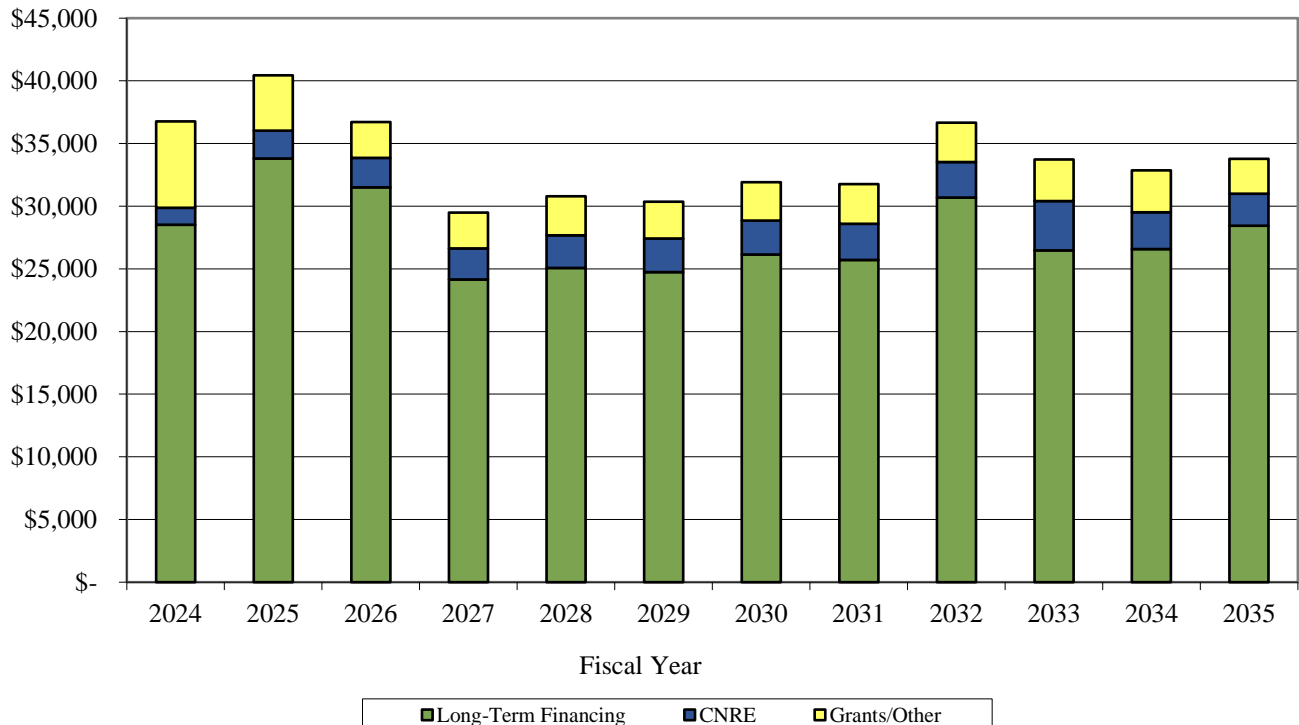


## CAPITAL IMPROVEMENT PROGRAM

### Town of West Hartford Capital Improvement Plan 2024-2035 Summary by Financing Source (In Thousands)

<u>Fiscal Year</u>	<u>Long-Term Debt</u>	<u>CNRE</u>	<u>Grants</u>	<u>Other</u>	<u>Total</u>
2024	28,512	1,366	6,674	200	36,752
2025	33,798	2,214	4,419	-	40,431
2026	31,495	2,360	2,799	50	36,704
2027	24,146	2,486	2,844	-	29,476
2028	25,079	2,607	2,899	200	30,785
2029	24,743	2,672	2,954	-	30,369
2030	26,133	2,714	3,009	50	31,906
2031	25,698	2,897	3,054	100	31,749
2032	30,685	2,830	3,099	50	36,664
2033	26,486	3,923	3,157	155	33,721
2034	26,580	2,926	3,215	150	32,871
2035	<u>28,454</u>	<u>2,552</u>	<u>2,764</u>	<u>-</u>	<u>33,770</u>
<b>TOTAL</b>	<b>331,809</b>	<b>31,547</b>	<b>40,887</b>	<b>955</b>	<b>405,198</b>

### CIP 2024-2035 Summary by Financing Source (In Thousands)



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## CAPITAL IMPROVEMENT PROGRAM

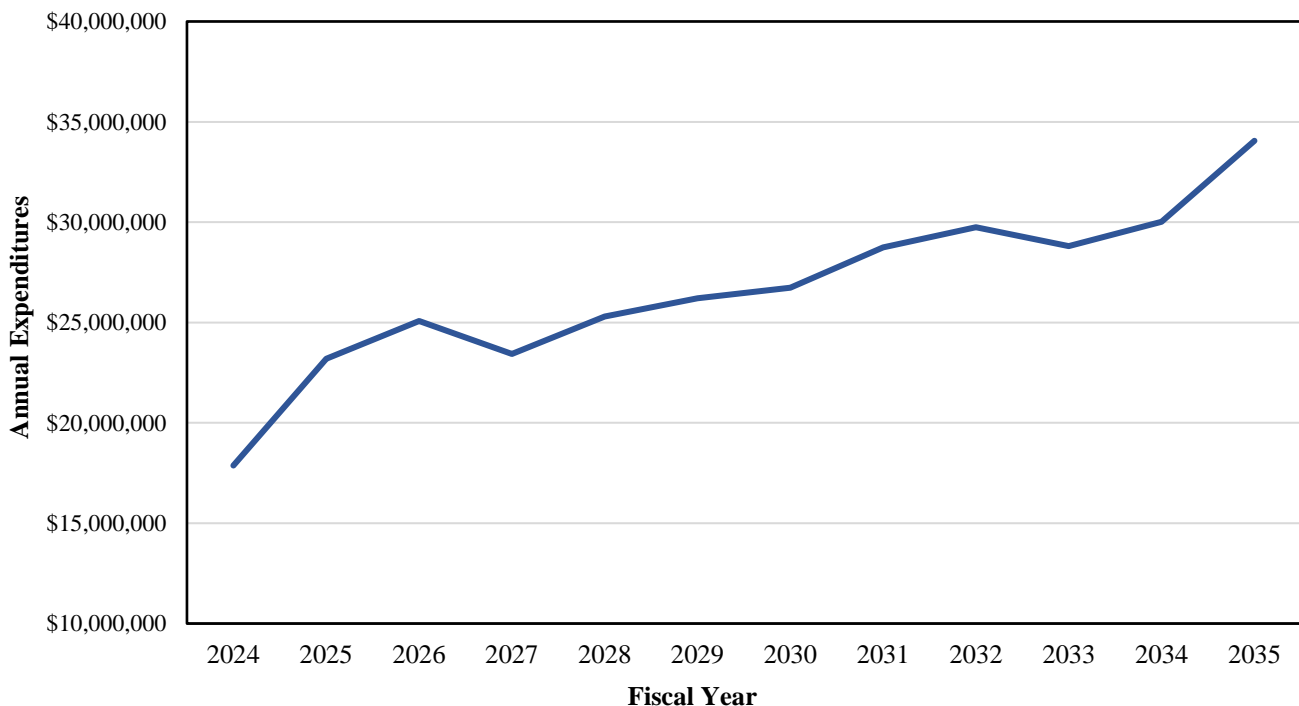
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In order to ensure the CIP adheres to the Town's Capital Financing Guidelines, a capital financing model is maintained. This model utilizes project cost, timing and financing information from the CIP and develops information as to the timing and amount of bond issuances, anticipated debt service costs, and the financial impact on the General Fund. In addition, financial debt indicators such as debt service as a percentage of General Fund expenditures, percentage of principal repaid within ten (10) years, and outstanding debt per capita are computed in this model. These indicators are then reviewed to ensure that the Town is in compliance with its capital financing guidelines.

Based upon the CIP presented, it is expected that debt service, excluding the Blue Back Square (BBS) issuance being repaid by special services district revenues, will vary from a low of \$17,874,323 in fiscal year 2024 to a high of \$34,055,242 in fiscal year 2035. These figures assume a general obligation bond interest rate of 3.05% in fiscal year 2024, with an increase of 0.25% to the rate every three years thereafter and an average term of 15 years, consistent with the type of projects being financed. The Town issued \$15,000,000 in general obligation bonds with a 15 year term in February 2023 at a rate of 3.05% Debt service (exclusive of BBS) totals \$17,874,323 for fiscal year 2024, \$16,040,896 of which will be funded via a transfer from the General Fund. The remaining \$1,727,960 will be financed by planned usage of bond premiums from prior bond sale issuances.

### General Fund - Debt Service Projection (Excludes Blue Back Square)



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**CAPITAL IMPROVEMENT  
PROGRAM**

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The Town's Capital Financing Guidelines state that debt service as a percentage of General Fund expenditures shall not exceed 10% and is targeted to be 8% or less. The CIP is in compliance with the 10% policy and 8% target over the entire twelve-year period.

Note: The final payment on general obligation bonds for the BBS development will be made in fiscal year 2026.

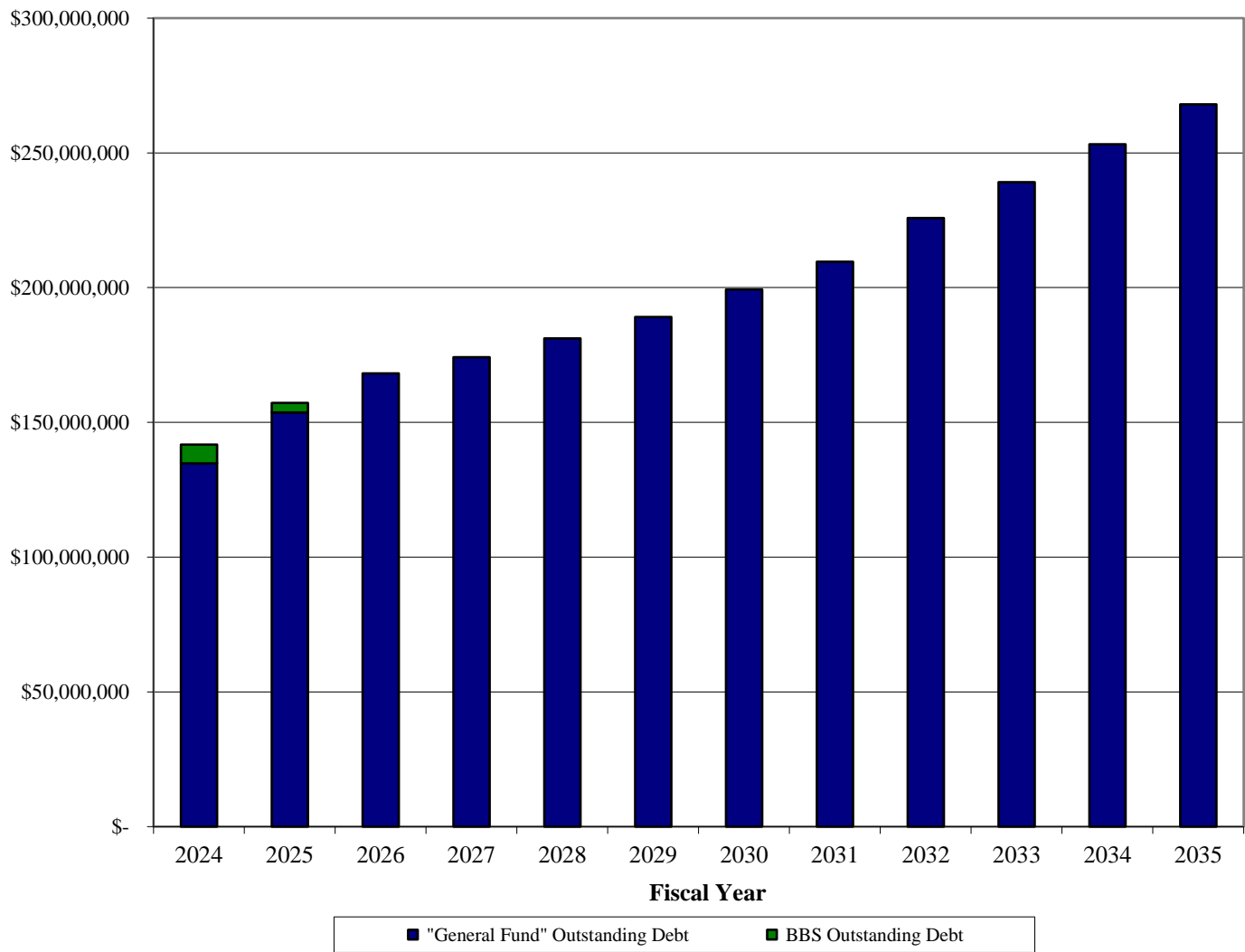
**Town of West Hartford  
Debt Service as a Percent of Projected General Fund Expenditures**



**CAPITAL IMPROVEMENT  
PROGRAM**

Total outstanding debt peaks at \$268,183,334 by the end of fiscal year 2035.

**Town of West Hartford  
Outstanding Debt Projection**



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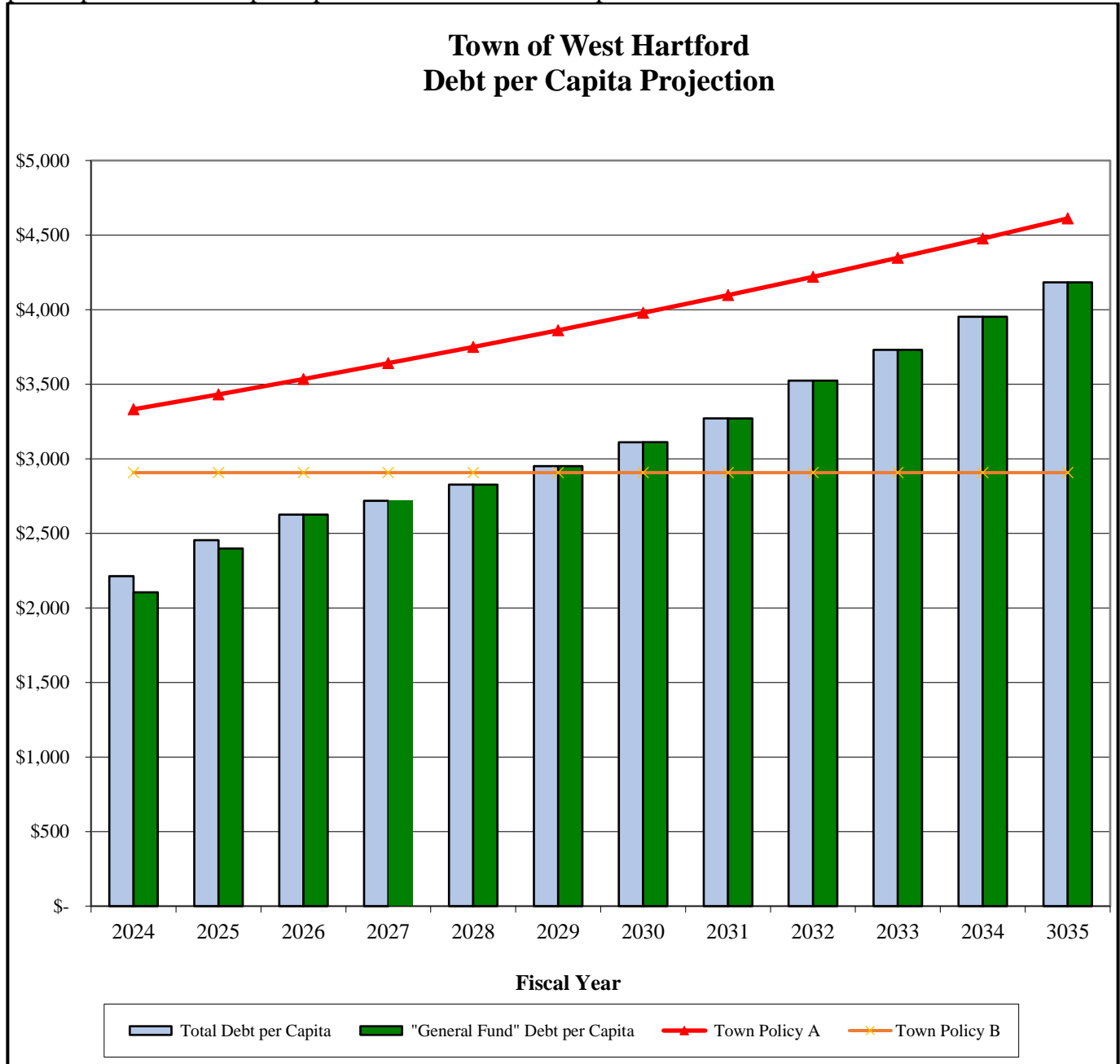
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**CAPITAL IMPROVEMENT  
PROGRAM**

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Per the Capital Financing Guidelines, debt per capita should not exceed an amount equal to \$3,432 in 2024 dollars (adjusted 3% annually for inflation) or 5% of per capita income, currently \$2,907. As detailed in the graph below, the Town's debt per capita excluding the BBS issuance is within this parameter over the time period presented. Debt per capita for total debt is in compliance as well.



Note: The final payment on general obligation bonds for the BBS development will be made in fiscal year 2026.

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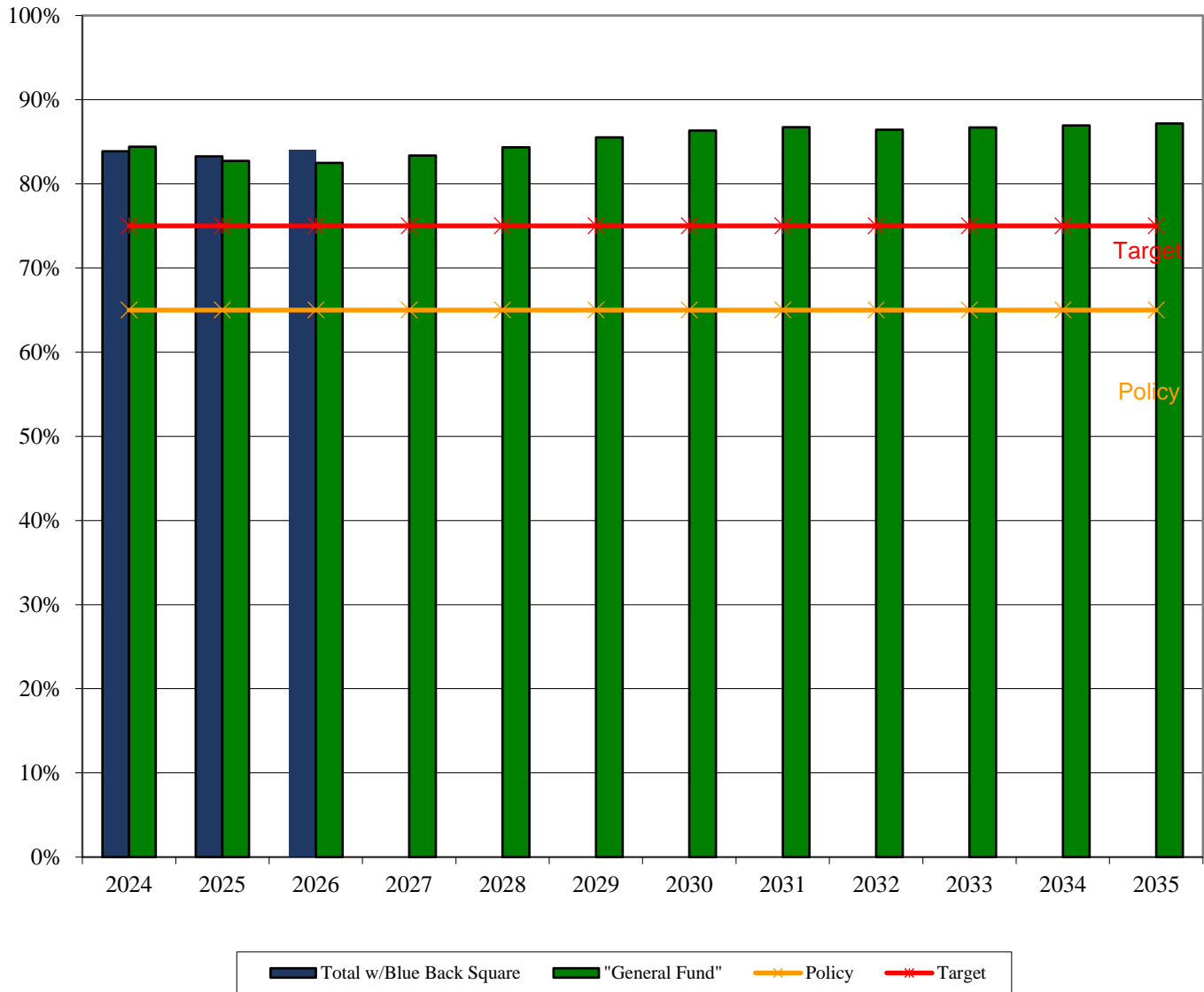
## CAPITAL IMPROVEMENT PROGRAM

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The Capital Financing Guidelines state that principal retired within 10 years shall be 65% or higher and is preferred to be above 75%. As detailed in the chart below, the CIP adheres to the policy and meets the target for all years.

### Town of West Hartford Principal Retired within Ten Years



The Capital Improvement Plan presented continues the Town's investment in the infrastructure of the community, while adhering to the Town's Capital Financing Guidelines and balancing such improvements against the financial health and stability of the Town.

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**CAPITAL IMPROVEMENT  
PROGRAM**

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**Town of West Hartford, Connecticut  
Comprehensive Capital Financing Policy**

**General Policy:** The policy of the Town Council is that the development of a comprehensive Capital Improvement Plan is based primarily on economic considerations of affordability and the establishment of capital development needs and priorities. As such, this policy statement is designed to:

- (1) make a strong commitment to the strategic management of our capital financing process,
- (2) to delineate the acceptable parameters of debt issuance and management, and
- (3) to provide a framework for monitoring capital financing practices and results.

**Strategic Management Policies:**

1. In order to minimize debt service expenditures, the Town shall take the appropriate actions to maintain its "Aaa/AAA" credit rating.
2. For each capital project submitted for consideration, the Town shall identify potential financing methods available, making use of long-term debt the option of last choice.
3. Capital projects financed through the issuance of general obligation bonds shall be financed, when practical, for a period which does not exceed the useful life of the asset.
4. Flexibility should be maintained when determining general obligation bond issuance amounts, maturities and market timing, with consideration given to the existing and future bond market in order to obtain the most advantageous net interest rate.
5. The capital financing amounts shall be determined for each year of the Capital Improvement Plan based upon the policies relating to debt indicators adopted in the general obligation debt section of this policy. The development of the financial plan shall be based solely on financial capacity without regard to program need.
6. The Capital Improvement Plan shall present programmatic needs and priorities and will present a twelve (12) year plan that is divided into three sections:
  - A. Years 1-3 will contain specific individual project and financial plans. Council will adopt the first two years of the CIP for implementation and year three for final plan preparation.
  - B. Years 4-6 will present individual and aggregate costs and financing of projects during this three-year period and present them according to five categories of projects: Transportation and Circulation; Education; Town Building Improvements; Parks and Recreation; and Miscellaneous Improvements. Council review of the project priorities will determine which projects emerge from the 4-6 year period to create the New Year 3 of the CIP.
  - C. Years 7-12 will present allocated costs and financing for each year by project categories rather than individual projects. The capital financing model will produce the funding amounts available each year and these amounts will be allocated by category of projects. Review and discussion of these projects shall identify those projects that will enter the 4-6 year period for more detailed planning and design.

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**CAPITAL IMPROVEMENT  
PROGRAM**

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**General Obligation Debt Policies**

1. Annual debt service as a percentage of General Fund expenditures shall not exceed 10%, and is targeted to be 8% or less.
2. Debt per capita should not exceed \$2,907 in FY 2024 (adjusted 3% annually for inflation) or 5% of per capita income.
3. Authorized but unissued debt will decrease below \$5,000,000 by fiscal year 2011 and remain below \$5,000,000 thereafter.
4. Principal retired within 10 years shall be 65% or higher and is preferred to be above 75%.
5. All projects with a useful life of 10 or more years will be bonded with 10-year maturities except major building renovations and additions, street reconstruction and roofing & masonry construction, which will be reviewed to determine the duration based on their useful life and bond financing regulations.
6. All projects with a useful life of less than 10 years or a cost of less than \$100,000 should not, whenever possible, be financed with long-term debt and in any case shall be financed for a period which does not exceed the useful life of the asset.
7. The Town may use short-term financing in the form of bond anticipation notes (BANS) to provide temporary financing for capital projects. BANS will be retired either through cash reserves or through the issuance of long-term bonds as soon as market conditions permit, or otherwise in accordance with sound financial planning.
8. The Town shall not fund current operations from the proceeds of general obligation funds. The use of Town or Board of Education employees for capital projects will be minimized and directly related to a capital project. The Town Manager will determine if it is more cost effective to use such employees for a particular project.
9. The Town will issue bonds in book entry form only; to avoid the expense of certificated issues.
10. The Town will follow a policy of full disclosure in every financial report and official financing statement.
11. The Town will comply with all federal regulations for tax-exempt status and will utilize permissible exclusions from federal regulations on the issuance of tax-exempt debt when advantageous to the Town.

**Capital and Non-Recurring Expenditure (CNRE) Fund Policies**

1. CNRE shall be used for two primary purposes:
  - A. For planning, construction, reconstruction or acquisition of any capital improvement project that is non-recurring, has a useful life of less than 10 years, or a cost of less than \$100,000.
  - B. For the acquisition of any specific item of equipment.
2. The Town shall not fund current operations from CNRE funds. The Town or Board of Education employees will not be used for CNRE funded capital projects unless the Town Manager determines that it is most cost effective to use such employees for a particular project.
3. Receipts into the CNRE Fund include, but are not limited to:
  - A. transfers of General Fund cash;
  - B. a transfer of surplus cash from any other reserve for capital expenditures;
  - C. any reimbursement of expense for any capital project that has been closed;
  - D. proceeds from the sale of Town property;
  - E. unexpended balances of completed projects in the Capital Projects Fund;
  - F. interest on investments; and,
  - G. a specific tax levy not to exceed four (4) mills.
4. CNRE funds shall be invested in accordance with the Connecticut General Statutes Section 7-362.



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**CAPITAL IMPROVEMENT  
PROGRAM**

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**Budgeting and Accounting Guidelines**

The following are a list of specific budgeting and accounting practices related to CIP, debt and CNRE Fund transactions:

1. On the first day of the fiscal year, the General Fund appropriation to the CNRE Fund will be transferred, if applicable.
2. On the first day of the fiscal year, the CNRE Fund transfer to the Capital Projects Fund will be executed.
3. All bond proceeds will be deposited directly into the Capital Projects Fund, with the exception of the bond proceeds relating to Blue Back Square which will be transferred to the Capital Projects Fund as expenditures are incurred.
4. Proceeds from the sale of Town property will be deposited directly into the CNRE Fund upon receipt.
5. Interest earned by the Capital Projects Fund for the entire fiscal year will be transferred to the CNRE Fund on the last day of the fiscal year, if applicable.
6. School construction grant reimbursements for projects approved by the General Assembly of the State of Connecticut before 7/1/96 will be deposited as revenue into the General Fund.
7. School construction progress payments for projects approved by the General Assembly of the State of Connecticut after 7/1/96 will be deposited into the Capital Projects Fund.
8. All debt service payments and debt issuance costs will be paid from the General Fund and/or Debt Service Fund, with the exception of the debt service payments and debt issuance costs relating to Blue Back Square, which will be paid via the Blue Back Square Fund.
9. All capital projects expenditures will be paid directly from the Capital Projects Fund.

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**CAPITAL IMPROVEMENT  
PROGRAM**

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**CAPITAL IMPROVEMENT  
PROGRAM**

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**TOWN COUNCIL ADOPTED CIP BUDGET  
CAPITAL IMPROVEMENTS BY CATEGORIES AND FUNDING SOURCES  
PROGRAM YEARS 1 THROUGH 3 - FISCAL YEARS 2024-2026  
(\$ IN THOUSANDS)**

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This section contains the first three years of the Capital Improvement Program (CIP) presented individually for each year by Planning Categories and its related projects expenditures, funding sources, duration and a detail description and justification for each project. Within the first three years of the CIP, priorities are well established and all aspects of the work to be undertaken with each project and corresponding year are fully defined. The capital financing model illustrates funding amounts for each year, which are then used to establish annual project priorities. The Town Council's adoption of the first two years of the CIP improves the ability to plan and execute projects in these two years. The focus in the first three years is the development of program year 3, which emerges from consideration of all the projects contained in the CIP's prior 4 through 6 years.

**PROGRAM YEARS 1 - 3  
PLANNING CATEGORY SUMMARY**

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	<u><b>FY 23-24</b></u>	<u><b>FY 24-25</b></u>	<u><b>FY 25-26</b></u>	<u><b>TOTAL</b></u>
Transportation & Circulation	14,243	13,214	11,639	<b>\$39,096</b>
Education	11,047	14,615	12,140	<b>\$37,802</b>
Parks & Recreation	2,000	4,975	2,195	<b>\$9,170</b>
Town Building Improvements	5,018	5,112	8,468	<b>\$18,598</b>
Governmental Operations	861	1,110	987	<b>\$2,958</b>
Rolling Stock\Miscellaneous Equipment	<u>3,583</u>	<u>1,405</u>	<u>1,275</u>	<u><b>\$6,263</b></u>
<b>TOTAL</b>	<b>36,752</b>	<b>40,431</b>	<b>36,704</b>	<b>\$113,887</b>

**PROGRAM YEARS 1 - 3  
FINANCING SOURCES SUMMARY**

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	<u><b>FY 23-24</b></u>	<u><b>FY 24-25</b></u>	<u><b>FY 25-26</b></u>	<u><b>TOTAL</b></u>
Bonds	28,512	33,798	31,495	<b>\$93,805</b>
CNRE Funds	1,366	2,214	2,360	<b>\$5,940</b>
Grants	6,674	4,419	2,799	<b>\$13,892</b>
Other	<u>200</u>	<u>=</u>	<u>50</u>	<u><b>\$250</b></u>
<b>TOTAL</b>	<b>36,752</b>	<b>40,431</b>	<b>36,704</b>	<b>\$113,887</b>

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**CAPITAL IMPROVEMENT  
PROGRAM**

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**TOWN COUNCIL ADOPTED CIP BUDGET**  
**CAPITAL IMPROVEMENTS BY PROJECTS AND FUNDING SOURCES**  
**PROGRAM YEAR 1 - FISCAL YEAR 2023-2024**  
**(\$ IN THOUSANDS)**

	<u>BONDS</u>	<u>CNRE</u>	<u>GRANTS</u>	<u>OTHER</u>	<u>TOTAL</u>
<b><u>TRANSPORTATION &amp; CIRCULATION</u></b>					
Pedestrian & Bicycle Management	1,108	-	-	-	1,108
Storm Water Management	812	-	-	-	812
Street Reconstruction	2,000	-	-	-	2,000
Street Resurfacing	2,094	-	431	-	2,525
Park Road Rehabilitation	-	-	1,500	-	1,500
Traffic System Management	600	98	150	-	848
Flood Mitigation Infrastructure Improvements	2,000	-	-	-	2,000
Sedgwick Road Pavement Rehabilitation	250	-	1,000	-	1,250
LaSalle Road Reconstruction	-	-	2,200	-	2,200
<b>Sub-Total</b>	<b>8,864</b>	<b>98</b>	<b>5,281</b>	<b>-</b>	<b>14,243</b>
<b><u>EDUCATION</u></b>					
Asbestos Removal	200	-	100	-	300
Computer Infrastructure	-	100	-	-	100
Exterior School Building Improvements	1,382	-	743	-	2,125
Furniture & Equipment Replacement	-	50	-	-	50
Heating & Ventilation Systems	900	-	-	-	900
Interior School Building Improvements	1,400	-	350	-	1,750
Site and Athletic Field Improvements	500	-	-	-	500
Stage & Auditorium Renovations	200	-	-	-	200
Elementary School Air Quality	4,622	-	-	-	4,622
Wolcott Security Improvements	500	-	-	-	500
<b>Sub-Total</b>	<b>9,704</b>	<b>150</b>	<b>1,193</b>	<b>-</b>	<b>11,047</b>
<b><u>PARKS &amp; RECREATION</u></b>					
Outdoor Pool Improvements	-	50	-	-	50
Kennedy Park Improvements	400	-	-	-	400
Park & Playfield Improvements	400	-	-	-	400
Park & Playscape Management	-	50	-	-	50
Rockledge Improvements	-	-	-	50	50
Westmoor Park Improvements	-	-	-	150	150
Kennedy Playscape	-	-	200	-	200
Rockledge Golf Club – Driving Range Renovation	700	-	-	-	700
<b>Sub-Total</b>	<b>1,500</b>	<b>100</b>	<b>200</b>	<b>200</b>	<b>2,000</b>
<b><u>TOWN BUILDING IMPROVEMENTS</u></b>					
Town Building Improvements	1,818	300	-	-	2,118
Fire Training Tower	750	-	-	-	750
Town Facilities Paving	150	-	-	-	150
Townwide Generators	1,000	-	-	-	1,000
Fueling Facility	1,000	-	-	-	1,000
<b>Sub-Total</b>	<b>4,718</b>	<b>300</b>	<b>-</b>	<b>-</b>	<b>5,018</b>
<b><u>GOVERNMENTAL OPERATIONS</u></b>					
Communications Infrastructure	386	225	-	-	611
Document Digitization Project	250	-	-	-	250
<b>Sub-Total</b>	<b>636</b>	<b>225</b>	<b>-</b>	<b>-</b>	<b>861</b>
<b><u>ROLLING STOCK/MISC EQUIPMENT</u></b>					
Fire Apparatus	2,090	-	-	-	2,090
Public Works Rolling Stock	600	-	-	-	600
Public Works Work Order Management Syst.	180	-	-	-	180
Fire Miscellaneous Equipment	-	90	-	-	90
Grounds Skid Steer Excavators	130	-	-	-	130
Large Area Mowers	90	-	-	-	90
Police Vehicle Replacement	-	117	-	-	117
Public Works Miscellaneous Equipment	-	146	-	-	146
Police Radio Equipment	-	40	-	-	40
Police Pistol Replacement	-	100	-	-	100
<b>Sub-Total</b>	<b>3,090</b>	<b>493</b>	<b>-</b>	<b>-</b>	<b>3,583</b>
<b>Program Year 1 - Grand Total</b>	<b>28,512</b>	<b>1,366</b>	<b>6,674</b>	<b>200</b>	<b>36,752</b>

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## Town of West Hartford Capital Improvement Program

Project Title				Pedestrian and Bicycle Management			
Department		Community Development		Expected Life		25 Years	
Category		Transportation & Circulation		Funding Schedule		Program Year 1: \$1,108,000	
Fiscal Year		2023-2024		Prior Year(s):		-	
Project Duration		Recurring		Total Cost:		\$1,108,000	
Ongoing Operational Costs				Funding Source(s)			
Personnel Services	\$			Bonds		\$1,108,000	
Contractual Services	\$			Grants		\$	
Non-personnel Services	\$			CNRE Fund		\$	
Other	\$			Special Revenue Fund		\$	

### Description & Justification

This capital program addresses the needs of the pedestrians and bicyclists throughout the Town. The Town of West Hartford maintains an extensive system of 300 miles of sidewalks. These sidewalks provide a safety benefit to pedestrians in lieu of walking in the street. The sidewalk system also provides a neighborhood enhancement and benefits school children, business patrons throughout town, and recreational users. The Engineering Division refers to the Town's Sidewalk Policy for consideration of adding sidewalk sections to eliminate sidewalk gaps in the Town's sidewalk network.

In addition to the sidewalk system, the Engineering Division will continue to design and construct on and off-street bicycling options across the Town. For on-street bicycling options, the Town intends to evaluate and appropriately sign and mark suitable roadways in accordance with the Town's Complete Streets Policy, especially the Bicycle Facility Plan.

With additional funding and multiple contractors, the Town reduced from over 2,000 to approximately 1,050 total sidewalk work order requests. We annually average 200 new work order requests and address 225 work orders.

## Town of West Hartford Capital Improvement Program

Project Title			
Storm Water Management			
Department		Expected Life	
Community Development		50 Years	
Category		Funding Schedule	
Transportation & Circulation		Program Year 1: \$812,000	
Fiscal Year		Prior Year(s): -	
2023-2024			
Project Duration		Total Cost: \$812,000	
Recurring			
Ongoing Operational Costs		Funding Source(s)	
Personnel Services	\$	Bonds	\$812,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

This capital program maintains the complex, Town-wide drainage system, which includes 13 bridges, 73 culverts, 7,600 drainage structures, and 175 miles of pipe.

Most of the Town's bridges and some of the Town's culverts are inspected every two years by the State of Connecticut, Department of Transportation. The Engineering Division performs periodic inspections of the remaining bridges and culverts.

Some inspections of the Town's storm pipes occur annually on an as-needed basis to investigate flooding, pavement failures, or in advance of a road repaving project. These annual video inspections cost approximately \$50,000. Inevitably, the pipe inspections lead to necessary pipe replacements, which average \$300,000 per year.



Town of West Hartford Capital Improvement Program			
Project Title		Street Reconstruction	
Department Community Development		Expected Life 30 Years	
Category Transportation & Circulation		Funding Schedule Program Year 1: \$2,000,000	
Fiscal Year 2023-2024		Prior Year(s): -	
Project Duration Recurring		Total Cost: \$2,000,000	
Ongoing Operational Costs		Funding Source(s)	
Personnel Services	\$	Bonds	\$2,000,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>This Capital Improvement Program (CIP) provides the funding necessary to address the reconstruction needs of any Town roadway in order to keep them operational for the public.</p> <p>Street Reconstruction involves the following: coordination with utility companies to ensure underground facilities are not in need of repair or replacement; evaluation for complete street components; replacement of curb; replacement of failing concrete or paver sidewalk; replacement of concrete or asphalt driveway aprons; replacement of drainage structures; re-establishment of the roadway base material; roadway repaving; pavement markings; traffic signage; and traffic control services during construction.</p> <p>Planned 2023-2024 roadway reconstructions include: Avalon Road, Brattle Street, Lynn Court, Meriline Avenue, St. Augustine Street, and Vincent Street.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Street Resurfacing			
<b>Department</b>		<b>Expected Life</b>	
Community Development		20 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Transportation & Circulation		Program Year 1:     \$2,525,000	
<b>Fiscal Year</b>		Prior Year(s):                      -	
<b>Project Duration</b>		Total Cost:                      \$2,525,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$2,094,000
Contractual Services	\$	Grants	\$431,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The Town strives to repave 10 or more miles of roadway each year, via this Capital Improvement Program. Due to the escalating cost of asphalt and current staffing levels, the Town has only been able to resurface an average of 8.5 miles over the past five years.

The streets selected for resurfacing are based on the annual pavement condition evaluation. Of the Town's 217 miles of roadway, 24 percent or 52 miles are in poor or extremely poor condition. Selections are also based on geographical considerations to balance the repaving throughout Town. The Street Resurfacing Program includes: milling to partially remove the existing pavement; sweeping the roadway clean; paving the roadway; and traffic control services during construction. In most cases, bituminous curbing and driveway aprons are also replaced. Also, \$50,000 from this program is used for pavement crack sealing on roadways that were repaved approximately five years prior. The Town also coordinates all work with the utility companies.

The Public Works Department and the Town's drainage contractor replace catch basins in conjunction with the street resurfacing program. On average, 240 catch basins are replaced every year at a cost of approximately \$360,000.

Town of West Hartford Capital Improvement Program			
Project Title		Park Road Rehabilitation	
Department	Community Development	Expected Life	
Category	Transportation & Circulation	Funding Schedule Program Year 1: \$1,500,000	
Fiscal Year	2023-2024	Prior Year(s): -	
Project Duration	Non-Recurring	Total Cost: \$1,500,000	
Ongoing Operational Costs		Funding Source(s)	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	Grants	\$1,500,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>The Park Road Rehabilitation project will focus on the section of Park Road from Quaker Lane South to Prospect Avenue. The project will include an infrastructure renewal with pedestrian and bicyclist improvements. Specifically, the project will include repaving the roadway with an evaluation of bicycle lanes. The sidewalk surfaces will be replaced as needed and sidewalk amenities will be incorporated such as benches, street trees, bicycle hitches, and wayfinding signage. Traffic calming elements such as raised crosswalks will be added. If possible, business directories and a community event board will be added. The project is estimated to cost \$1.5 Million with construction planned in Fiscal Year 2024.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Traffic System Management			
<b>Department</b> Community Development		<b>Expected Life</b> 30 Years Infrastructure 5 Years Pavement Markings	
<b>Category</b> Transportation & Circulation		<b>Funding Schedule</b> Program Year 1: \$848,000	
<b>Fiscal Year</b> 2023-2024		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$848,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$600,000
Contractual Services	\$	Grants	\$150,000
Non-personnel Services	\$	CNRE Fund	\$98,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

This Capital Improvement Program addresses the improvement or replacement of the Town's 62 traffic signals, 1,200 traffic control signs, 30 miles of pavement markings, two miles of guiderail, and the Town's street lighting system. Proper operating maintenance of these traffic control devices greatly improves safety to the mobile public. This Program provides funding to install traffic calming measures and intersection traffic safety improvements.

Of the Town's 62 traffic signals, five remain that are approaching the end of their useful life at 25 years or older. The goal of this program is to replace one traffic signal every other year, make necessary traffic signal improvements such as pedestrian signal upgrades to add exclusive pedestrian signal phases and/or accessible pedestrian signal equipment, and to replace all necessary pavement markings affected by the repaving program and replenish others throughout Town. Guiderail, traffic signage, and street lighting are replaced as necessary.

Town of West Hartford Capital Improvement Program			
Project Title		Flood Mitigation Infrastructure Improvements	
Department Community Development		Expected Life 50 Years	
Category Transportation & Circulation		Funding Schedule Program Year 1: \$2,000,000	
Fiscal Year 2023-2024		Prior Year(s): -	
Project Duration Recurring		Total Cost: \$2,000,000	
Ongoing Operational Costs		Funding Source(s)	
Personnel Services	\$	Bonds	\$2,000,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$
<p><b>Description &amp; Justification</b></p> <p>Due to repetitive street and property flooding, three drainage studies were completed to evaluate and recommend improvements to the Town's street drainage system to reduce the frequency and impact from flooding after heavy rain events. These studies covered approximately 10 percent of the Town's street drainage system in the center of the Town spreading from Mohawk Drive (North), Farmington Avenue (South), Walbridge Road (East), and Pleasant Street (West).</p> <p>Several areas within these studies were identified as in need of larger storm pipes, storm pipe extensions, and drainage connections from private properties to the Town's storm drainage system.</p> <p>Funding in this program year is for the construction of the first year of a multi-year program to improve the Town's storm drainage infrastructure to mitigate flooding impacts. The Engineering Division is seeking grants to fund the construction of these improvements.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Sedgwick Road Pavement Rehabilitation			
<b>Department</b>		<b>Expected Life</b>	
Community Development		20 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Transportation & Circulation		Program Year 1:     \$1,250,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
		\$1,250,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$250,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$1,000,000
Other	\$	Other	\$
<p><b>Description &amp; Justification</b></p> <p>The Sedgwick Road Pavement Rehabilitation project will repave Sedgwick Road from Wardwell Road to South Main Street. The project will also include several complete streets improvements such as stamped asphalt crosswalks across Sedgwick Road at the intersections with Wardwell Road and Lemay Street/Westminster Drive to improve motorist awareness of pedestrian activity near the adjacent schools. Bike lanes will be installed from Wardwell Road to Four Mile Road. A two-way center left turn lane will be installed within the project limits to improve left turn accommodations. Lastly, the South Main Street at Park Road/Sedgwick Road traffic signal will receive pedestrian signal upgrades.</p>			

Town of West Hartford Capital Improvement Program			
Project Title		LaSalle Road Reconstruction	
Department	Community Development	Expected Life	30 Years
Category	Transportation & Circulation	Funding Schedule	Program Year 1: \$2,200,000
Fiscal Year	2023-2024	Prior Year(s):	-
Project Duration	Non-Recurring	Total Cost:	\$2,200,000
Ongoing Operational Costs		Funding Source(s)	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$2,200,000
Other	\$	Other	\$
<p><b>Description &amp; Justification</b></p> <p>This program includes Complete Streets improvements to LaSalle Road from Farmington Avenue to Ellsworth Road including the intersections at Arapahoe Road and Ellsworth Road. Program elements include sidewalk expansions, replacement of sidewalk surfaces, replacement of street trees and tree wells, sidewalk furniture, low impact development drainage improvements, traffic calming improvements, roadway repaving, and new pavement markings.</p> <p>This project will be utilizing ARPA funds.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Asbestos Removal			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 1:       \$300,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$300,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$200,000
Contractual Services	\$	Grants	\$100,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

Asbestos Containing Material (ACM) has been found throughout the district in locations documented in the Board of Education's Asbestos Management Plan. The annual appropriation is used to support many other recurring projects, such as boiler replacement. Ideally, the removal precedes the designated recurring construction activity. These funds pay for asbestos removal project specifications, diagrams, hygienists, actual removals, testing results, and final reports.

Inert asbestos containing material can be encapsulated rather than removed. Construction and/or renovation activities, however, often make inert materials friable and removal provides for safer, more predictable working conditions. Additionally, when asbestos containing materials are encountered on a work site, all activities must cease until the removal of the asbestos has been completed. Therefore, we are better able to project construction/renovation schedules and cost with the asbestos removed in advance.

Funding is allocated toward the removal of asbestos identified during renovations, flooring replacements, and heating improvements.



## Town of West Hartford Capital Improvement Program

Project Title				Computer Infrastructure			
Department		Public Schools		Expected Life		3-5 Years	
Category		Education		Funding Schedule		Program Year 1: \$100,000	
Fiscal Year		2023-2024		Prior Year(s):		-	
Project Duration		Recurring		Total Cost:		\$100,000	
Ongoing Operational Costs				Funding Source(s)			
Personnel Services	\$			Bonds		\$	
Contractual Services	\$			Grants		\$	
Non-personnel Services	\$			CNRE Fund		\$100,000	
Other	\$			Special Revenue Fund		\$	

### Description & Justification

All West Hartford Public Schools are connected to a fiber-optic metropolitan area network (MAN). The internal connections at each school consists of layer 2 switches and layer 3 routers to bring the network and internet resources to all offices and classrooms. Servers, switches, telecommunications equipment and other appliances will require proactive replacement to improve mean time between failures and reduce mean time to recovery. Additionally, these funds are used to annually replace the oldest computers in the district for newer models capable of meeting the demands of current administrative and educational software. These funds, combined with funding in the operating budget, constitute our technology investment in the schools.

The ongoing investment in educational and administrative computing is a critical element in providing what has become basic functionality in today's technology reliant education environment.

This program supports the computer fleet at all 16 public schools and administrative offices. In order to stay current with software requirements and phase out the oldest hardware that is past its usable life and out of warranty coverage, maintenance of an annual technology refresh schedule of 1,500 devices on average is required. This program ensures a reliable device fleet that is able to support computer based testing mandates.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Exterior School Building Improvements			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 1:      \$2,125,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$2,125,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,382,000
Contractual Services	\$	Grants	\$743,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

With 16 buildings of varying age, exterior school improvements are an annual requirement. Exterior school improvements may include roofing, masonry, window upgrades and exterior door replacement, as well as other structural improvements. Re-roofing includes removal of existing materials, and in many cases, insulating with thicker, denser materials to provide for increased energy conservation. It also includes the installation of necessary flashings, counter flashings, drainage improvements and related masonry repairs. A systematic re-roofing program addresses the fact that building materials decay, while it ensures the useful life of the building and protects a significant capital asset. Masonry includes restoration and re-pointing of building facades. Window upgrades replace single pane windows with energy efficient window systems.

The desirability of maintaining roofs in a good state of repair represents a prudent approach to building maintenance. Deterioration of roofing surfaces and exterior building envelopes, left unchanged, exposes buildings to water damage and long-term structural damage.

This year's appropriation will be dedicated to partial roof replacement at Breaburn and masonry repairs at Hall and Sedgwick.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Furniture and Equipment Replacement			
<b>Department</b>		<b>Expected Life</b>	
Public Schools		10-30 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 1:           \$50,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$50,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$50,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

The Furniture and Equipment Replacement program provides for the periodic replacement of furniture and equipment district-wide as the inventory becomes worn out, unable to be repaired, or unsafe. There are five categories of items included in this replacement program.

**Classrooms and Laboratories**– There are approximately 617 classrooms in the 16 schools that comprise the district. Classroom and laboratory furniture have a life span of approximately 20 years. This category of furniture includes student desks and chairs, teacher desks and chairs, laboratory tables and chairs. These items have been standardized throughout the district to streamline maintenance and repairs and so that items may be transferred between schools as needed. Adjustable desks are specified for the elementary schools so that furniture can be transferred to different grade levels within an elementary school.

**Administrative** – Each of the 16 schools have main offices along with support staff operations that have furniture requirements including desks, chairs, tables, filing cabinets, and permanent dividing walls. Office furniture has a typical life span of 20 years.

**Cafeteria** – Each of the 16 schools has a cafeteria that requires tables and chairs for students. In many instances, these spaces are also used for additional classroom space, assemblies and meetings. These items have been standardized throughout the district to streamline maintenance and repairs and so that items may be transferred between schools. Cafeteria furniture has a typical life span of 15 years.

**Equipment** – Items in this category include appliances and folding dividing walls. Appliances have a life span of between 10 and 15 years and dividing walls have a typical life span of approximately 30 years.

**Lockers** – Element of the school building design which is subject to excessive wear and tear as generations of students make use of these temporary storage receptacles. Because certain lockers cannot be repaired further, there is a need for lockers district-wide for the next several years. New lockers are specified to be wider and deeper than existing ones, and they are usually specified to have a more limited number of moving components, thereby limiting our future repairs and maintenance.

Furniture has a limited useful life. Much of the Town's inventory has been pushed well beyond that life span. As many older pieces become obsolete, the Town can no longer obtain repair parts. Finally, as educational methods change, furniture needs change.

This funding will go toward the replacement of furniture, equipment, and lockers throughout the system.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Heating and Ventilation Systems			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 1:       \$900,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$900,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$900,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>This program provides for the replacement of existing boilers and upgrades to existing HVAC systems some of which have performed well beyond their useful life. Replacement boilers are typically more energy efficient and include a greater amount of programmable auxiliary controls. Reconfigured piping is often necessary. New temperature-controlled gas burners are included, as are requisite improvements to the gas piping. Associated breeching, dampers and needed chimney repairs are included.</p> <p>Good preventive maintenance practice dictates that major building components be repaired or replaced, if necessary, before problems arise. Few components of a building are as essential as a dependable boiler. Boiler failures can cause major problems to the educational process as well as unanticipated major expenses during the middle of a fiscal year.</p> <p>This funding will go toward the replacement of the boilers at Sedgwick.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Interior School Building Improvements			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 1: \$1,750,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$1,750,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,400,000
Contractual Services	\$	Grants	\$350,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

School building improvements consist of facility needs that are not specifically outlined as a separate capital project. These expenditures include replacement of fire alarm systems, handicap accessibility improvements, lighting system upgrades, HVAC control system replacements, and building and fire code related improvements.

The school system has 11 elementary schools, three middle schools, and two high schools that together comprise more than 1.75 million square feet of educational facilities. These facilities require regular investment to maintain their existing infrastructures and upgrade their systems. This appropriation continues the Town's reinvestment in its schools and commitment to maintain them in good condition.

Improvements this year will include flooring replacement and painting at Norfeldt, Whiting Lane, and King Philip, entrance security improvements at Duffy, exterior door replacement at Hall and continued renovations of restrooms at Sedgwick.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Site and Athletic Field Improvements			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 1:       \$500,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$500,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$500,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The school fields and site infrastructure have experienced significant wear and tear. Most of these facilities were originally constructed more than fifty years ago. Funding is used to upgrade facilities to ensure their continued usefulness.

West Hartford's athletic fields have been intensively used to a point where facilities have become inadequate or are beginning to show signs of deterioration. Much of the site infrastructure is also in need of replacement. The purpose of these improvements is to provide safe playing and pedestrian conditions. A long-term athletic field and site infrastructure improvements program is needed to prevent further deterioration and to preserve these important community resources.

The funding will go toward paving at King Philip.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Stage & Auditorium Renovations			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 1:       \$200,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$200,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$200,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>Every school facility in West Hartford has an auditorium and all but Smith School have a type of traditional stage. Many of the stage components and systems have outlived their useful life and are either non-functional or have been made inoperable due to safety concerns. Furthermore, many stages have lighting panels which require updating by code.</p> <p>The West Hartford Public Schools curriculum has been distinguished by its emphasis on excellence in academics, athletics and the arts. Theater, acting and stagecraft are all part of the curriculum. Our auditoria are the scene of many Town-wide events, such as the Pops and Jazz Concerts and the winter concerts. Furthermore, the safety of the stages as well as their versatility is important to those renting our facilities. The middle schools offer a full program of artistic events to their communities year round. The fact that many of our stages require significant repairs limits the kinds of productions we can offer the community and the teaching experiences we can offer our students.</p> <p>Funding will be allocated this year for auditorium seating replacement at Wolcott.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Elementary School Air Quality Improvements			
<b>Department</b> Public Schools		<b>Expected Life</b>	
<b>Category</b> Education		<b>Funding Schedule</b> Program Year 1: \$4,622,000	
<b>Fiscal Year</b> 2023-2024		Prior Year(s): 3,093,000	
<b>Project Duration</b> Program Enhancement – Year 2 of 15		Total Cost: \$7,715,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$4,622,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The majority of our elementary schools were built prior to 1964 and lack modern fresh air ventilation, air conditioning and have their original single-pane glass window systems. The single-pane glass window systems were intended by design to leak air as a means of providing fresh air. Modern building standards require fresh air to be provided via mechanical air handlers in which outside air is brought in, filtered to remove contaminants, and mixed with existing air with a certain percentage being expelled to the outside and the remaining air being recirculated into the building based upon carbon dioxide levels. Many studies have shown that proper fresh air and comfort is a substantial benefit to student success in a learning environment.

Two of our elementary schools have building-wide fresh air and air conditioning systems (Charter Oak International Academy and Smith), two elementary schools have building-wide fresh air systems with limited air conditioning (Braeburn and Wolcott), and the remaining seven elementary schools have limited fresh air and air conditioning along with single-pane window systems. In the 1970s, many of the single-pane window systems were in-filled with sheetrock and insulation in order to help save energy. While this action did save on energy costs, it reduced the number of operable windows in the building, reduced the amount of fresh air entering the building, and also reduced the amount of natural light.

As part of the school reopening process necessitated by the COVID-19 pandemic, a retro-commissioning project was conducted by a mechanical engineering consultant to assess and recommend repairs and/or adjustments to our existing HVAC systems in all 16 schools to increase fresh air ventilations and improve air filtration levels where feasible. This project has provided the district with a solid starting point to evaluate and make improvements to improve fresh air quality in the schools.

This program enhancement provides funding over a 15-year period to make improvements at the nine elementary schools that lack modern fresh air, air conditioning, and modern window systems. This funding is for the second year of the project at Duffy.



## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Wolcott Security & Office Improvements			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 1:       \$500,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Program Enhancement –Year 1 of 2		\$500,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$500,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>The main office at Wolcott is located internally in the building, limiting the ability of staff to safely allow visitors into the school. This project would create a small addition at the front of the building for the main office, adjacent to the library/media center, and replace the entry canopy. This configuration would address the safety concern that currently exists. In addition, Wolcott has been experiencing a dramatic increase in the number of students requiring additional services beyond the standard classroom, requiring space that is appropriate to provide these services. Currently, several classrooms have been converted to host multiple small groups at one time but this configuration is not conducive to effectively providing these services. There is also one classroom located on the lower level of the building that is not handicapped accessible. The proposed addition would allow for renovation of the existing main office into several small group learning rooms to address the need for additional services and eliminate the classroom in the lower level.</p> <p>Funding in the first year will be utilized to perform the design for this project and for pre-construction activities.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Outdoor Pool Improvements			
<b>Department</b>		<b>Expected Life</b>	
Leisure Services & Social Services		10 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Parks & Recreation		Program Year 1:           \$50,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$50,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$50,000
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>The money for this project will be used to repair filtration systems, underground pipes, and concrete decks where necessary. This is an ongoing program to address facility issues within our neighborhood pools.</p> <p>This project will allow for improvements at the Town's five outdoor pools and four spray decks. Funding under this program will assist the department in maintaining visitor safety as well as upgrading the appearance of the outdoor pools by completing minor projects not addressed through the operating budget.</p> <p>The outdoor pool season is a summer program of limited duration. This program will allow the Town to minimize downtime at the outdoor pools, thus assuring the community has use of their pools during the summer months.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Kennedy Park Improvements			
<b>Department</b>		<b>Expected Life</b>	
Leisure Services		30-50 years	
<b>Category</b>		<b>Funding Schedule</b>	
Parks & Recreation		Program Year 1:      \$400,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024			
<b>Project Duration</b>		<b>Total Cost:</b>	
Non Recurring		\$400,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$400,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>Improvements to Kennedy Park have been implemented over the course of several years with a variety of funding. The \$400,000 requested in FY 23-24 would cover parking lot improvements and access road design and installation. The design of the work will be covered by other funding sources.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Park & Playfield Improvements			
<b>Department</b>		<b>Expected Life</b>	
Leisure Services & Social Services		25-30 years	
<b>Category</b>		<b>Funding Schedule</b>	
Parks & Recreation		Program Year 1:       \$400,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$400,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$400,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

West Hartford's parks and athletic fields are intensively used by youth leagues, some to a point where facilities have become inadequate or are beginning to show signs of deterioration. The purpose of park and playfield improvements is to provide safe playing conditions so that interscholastic and youth league injuries can be minimized. The program also covers tennis and basketball courts in parks. A long-term athletic field improvements program, developed in conjunction with the Department of Public Works, prioritizes field maintenance to prevent further deterioration and to preserve these community resources within Town parks.

Attention will be focused on the renovation of Sedgwick Baseball Field. Irrigation would be installed, as well as CMU dugouts. If funds allow, regrading may be accomplished at Beachland's soccer field. Regrading will ensue in FY25 if not completed in FY 24.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Park & Playscape Management			
<b>Department</b> Leisure Services & Social Services		<b>Expected Life</b> 10-15 Years	
<b>Category</b> Parks & Recreation		<b>Funding Schedule</b> Program Year 1: \$50,000	
<b>Fiscal Year</b> 2023-2024		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$50,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$50,000
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

Funds for this project will be used to repair and/or replace existing playscapes and playground equipment at Town parks. This is a recurring program to address facility improvements. The ongoing maintenance of existing equipment will provide for accessible playgrounds, improve safety, and better serve the needs of neighborhoods.

This year's appropriation will fund various fencing replacements and ongoing maintenance repairs of park playground structures and equipment. In addition, park rules signage will be replaced system wide.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Rockledge Improvements			
<b>Department</b>		<b>Expected Life</b>	
Leisure Services & Social Services			
<b>Category</b>		<b>Funding Schedule</b>	
Parks & Recreation		Program Year 1: \$50,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$50,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$50,000
<p><b>Description &amp; Justification</b></p> <p>This project will address the renovation of greens or other golf course upgrades at Rockledge Golf Club based upon condition and need, and address equipment needs. It will be funded via the capital projects user fee included in the rates at Rockledge.</p> <p>The facility's aging irrigation system requires a systematic replacement schedule. Part of this funding would pay for a redesign of the system in advance of FY25 implementation.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Westmoor Park Improvements			
<b>Department</b>		<b>Expected Life</b>	
Leisure Services & Social Services			
<b>Category</b>		<b>Funding Schedule</b>	
Parks & Recreation		Program Year 1:      \$150,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Non-Recurring		\$150,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$150,000
<p><b>Description &amp; Justification</b></p> <p>Westmoor Park intends to replace the brown garden shed on the property. The shed houses garden equipment, the hay wagon, utility carts and program supplies for summer camp and school programs. The existing shed was built without a foundation. A new shed would be a simple structure designed to blend in with the existing, rustic aesthetic of the park. Funds from the Westmoor Park Fund would cover the cost.</p>			

<b>Town of West Hartford Capital Improvement Program</b>			
<b>Project Title</b> Kennedy Park Playscape			
<b>Department</b> Leisure Services & Social Services		<b>Expected Life</b> 15 Years	
<b>Category</b> Parks & Recreation		<b>Funding Schedule</b> Program Year 1:       \$200,000	
<b>Fiscal Year</b> 2023-2024		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Non-Recurring		<b>Total Cost:</b> \$200,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$200,000
Other	\$	Other	\$
<b>Description &amp; Justification</b> As part of an ongoing renovation of Kennedy Park amenities, the replacement of the playscape would improve the quality of life of the park’s neighbors. The playscape was originally installed in 2000 and is at the end of its lifespan. Funding would be recommended through CDBG, pending HUD approval and availability.			



## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Rockledge Golf Club – Driving Range Renovation			
<b>Department</b>		<b>Expected Life</b>	
Leisure Services & Social Services			
<b>Category</b>		<b>Funding Schedule</b>	
Parks & Recreation		Program Year 1:       \$700,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Non Recurring		\$700,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$700,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$
<p><b>Description &amp; Justification</b></p> <p>The driving range at Rockledge Golf Club is an underperforming asset with enormous potential for revenue. It currently generates \$70,000 annually. A build-out of the driving range area would include 15 covered stalls with wind protection and Top Tracer technology. Wi-Fi and electricity costs are included in the estimate. A similar driving range in the region increased revenue from \$70,000 to \$500,000 annually.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Town Building Improvements			
<b>Department</b>		<b>Expected Life</b>	
Facilities Services			
<b>Category</b>		<b>Funding Schedule</b>	
Building Improvements		Program Year 1:      \$2,118,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$2,118,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,818,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$300,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

Town building improvements are facility needs not addressed under other capital projects and include the categories of heating, ventilation and cooling (HVAC) systems, roofing and masonry, interior finishes, fixtures and furnishings, and code compliance. This program allows for improvements to the Town's municipal buildings, such as completing minor projects and replacing equipment and building amenities, and to maintain and upgrade the systems and appearance of the buildings.

**Heating, Ventilation and Cooling (HVAC) Systems** - HVAC systems provide heating, cooling and air circulation to users of buildings. Air temperature and indoor air quality are important issues to building occupants in regard to their personal comfort and health. The periodic replacement of boilers, furnaces, chillers, cooling towers, air handlers, and ventilation systems is required as these systems wear out and/or become obsolete. New HVAC systems also provide the Town an opportunity to install more energy efficient equipment and to install modern direct digital controls, which provide greater control and will lower operating costs.

**Roofing and Masonry** - Proper maintenance of the exterior building shell is required to prevent water and air penetration into the building. Water damage can cause significant damage to a building and potential health hazards to building occupants. Air penetration causes heating and cooling losses and interferes with the proper operation of HVAC equipment and can lead to excessive wear and tear of the equipment and higher operating costs. Building roofs have a life span of approximately 20 to 25 years.

**Interior Finishes, Fixtures and Furnishings** - Interior finishes include wall, floor and ceiling surfaces; fixtures include restroom toilets, sinks, partitions, and kitchen sinks; furnishings include appliances such as stoves, ovens, refrigerators, and water fountains, benches and other miscellaneous items that are permanently installed in buildings.

**Code Compliance** - Code compliance includes fire and life safety, handicap accessibility, elevator and public health codes in Town buildings. Codes periodically change, or if it is discovered that we are not in compliance with the code, we must make repairs, enhance systems, or modify buildings to meet the requirements of the code.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Fire Training Tower			
<b>Department</b>		<b>Expected Life</b>	
Fire		10 years	
<b>Category</b>		<b>Funding Schedule</b>	
Building Improvements		Program Year 1: \$750,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Non-Recurring		\$750,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$750,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$

### Description & Justification

This project will rebuild and/or relocate the fire training tower facility to another portion of the Brixton Street Facility to free up space for Public Works purposes, upgrade the fire training tower, and add classroom space as part of the facility. As part of the fiscal year 2017 facility study that was conducted to analyze and evaluate the strengths and weaknesses of the current facilities located at the Town's Brixton Street site, the best solution for the fire training tower was determined. These funds will be utilized to implement that solution.

The Training Tower costs were estimated by a previous fire administration. 2-3 years later and coupled with the Training Tower budget being deferred, it is appropriate to request an estimate change. The allocation should be increased, given benchmarks of other recently constructed training facilities and construction challenges associated with the pandemic.

<b>Town of West Hartford Capital Improvement Program</b>			
<b>Project Title</b> Town Facilities Paving			
<b>Department</b> Facilities Services		<b>Expected Life</b>	
<b>Category</b> Building Improvements		<b>Funding Schedule</b> Program Year 1:       \$150,000	
<b>Fiscal Year</b> 2023-2024		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$150,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$150,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<b>Description &amp; Justification</b> This project will repair and repave parking lots at Town facilities that are deemed in poor condition. The goal of the project is to improve safety and accessibility in the Town’s parking lots.			

Town of West Hartford Capital Improvement Program			
Project Title		Townwide Generators	
Department Facilities Services		Expected Life 25 Years	
Category Building Improvements		Funding Schedule Program Year 1: \$1,000,000	
Fiscal Year 2023-2024		Prior Year(s): \$2,000,000	
Project Duration Year 2 of 2		Total Cost: \$3,000,000	
Ongoing Operational Costs		Funding Source(s)	
Personnel Services	\$	Bonds	\$1,000,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<b>Description &amp; Justification</b> This project would fund the installation of permanent generators at major town and school facilities as part of the overall emergency preparedness plan for the town. The project implementation schedule has been developed as follows:  FY 2022-2023 – Town Hall, Conard HS, Hall HS, Fire Station #1 (Prospect Avenue)  FY 2023-2024 – Bishops Corner Senior Center & Library, Cornerstone Aquatics Center			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Public Works Fueling Facility			
<b>Department</b>		<b>Expected Life</b>	
Public Works		25 years	
<b>Category</b>		<b>Funding Schedule</b>	
Building Improvement		Program Year 1: \$1,000,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
2 of 2 years		\$1,000,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,000,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The installation of a fuel facility will benefit the Town by saving on the retail and operational costs associated with the day to day operations of the Public Works fleet and by providing an emergency fuel source during natural disasters or catastrophic events.

Public Works has 149 pieces of equipment ranging from heavy-duty diesel plow trucks to small gas power equipment that would utilize the facility on a daily basis. The fuel fill station could also serve our fire apparatus, police vehicles, and town pool cars.

The funding for this project will be used to install two (2) 10,000 gallon concrete above-ground fuel storage tanks with secondary containment and vehicle impact and projectile resistance at the Public Works facility. The tanks would have self-mounted fuel dispensers and have an autonomous fuel control and accounting system with a canopy.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Communications Infrastructure			
<b>Department</b> Information Technology Services		<b>Expected Life</b>	
<b>Category</b> Miscellaneous		<b>Funding Schedule</b> Program Year 1: \$611,000	
<b>Fiscal Year</b> 2023-2024		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$611,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$386,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$225,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

This project represents the continued investment in the organization's communications infrastructure supporting voice and data communication for Town departments and public schools. The maintenance of the infrastructure requires annual investments to replace obsolete hardware and software, and enhancements are required to maintain the performance of the infrastructure to support the continued and expanded utilization of voice and data communications. This project also finances investments in hardware and software for all Town departments.

The communications infrastructure supports applications that utilize voice and data communications to improve organizational performance. Improved performance is the result of extending access to information throughout the organization, making employees independent in accessing resources to solve problems and provide customer service. The communications infrastructure supports applications that provide customers direct access to electronic services, eliminating their dependencies on employees to receive customer service. Continued investment is required to maintain the infrastructure to support new applications and increased utilization while maintaining the security integrity of the infrastructure.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Document Digitization Project			
<b>Department</b> Information Technology Services		<b>Expected Life</b> 50+ Years	
<b>Category</b> Miscellaneous		<b>Funding Schedule</b> Program Year 1 : \$250,000	
<b>Fiscal Year</b> 2023-2024		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Year 1 of 4		<b>Total Cost:</b> \$250,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$250,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

Information Technology plans to create as close to a paperless work environment as possible for the Town and Board of Education. For example, the Community Development Department (Building, Engineering, and Planning & Zoning Divisions) currently requires paper submissions for most of its license and permit applications. The general office workspaces in this Department are overwhelmed by paper document storage. There are a total of 110 standing file cabinets, 30 flat file cabinets for large plans, and 3 plan racks for the temporary storage of large plans. In addition, there are more documents stored in the Building and Engineering Division vaults, which are located in Town Hall outside of the work areas.

The ongoing CityView license and permit upgrade will allow electronic document submissions. This will stop the need to store paper documents, but leave the many file cabinets, boxes, racks, and piles of paper documents. These documents should be scanned and stored electronically. Once completed, the office will be free of these documents, which will create office space that can be repurposed.

The Information Technology (IT) Department will work with Community Development and other departments to ensure on premise or a cloud storage solution will be available as the main document repository. The IT department will ensure the documents are searchable and categorized so they can be easily retrieved.



## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Fire Apparatus			
<b>Department</b>		<b>Expected Life</b>	
Fire		15-20 years	
<b>Category</b>		<b>Funding Schedule</b>	
Rolling Stock\Miscellaneous Equipment		Program Year 1:     \$2,090,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Non- Recurring		\$2,090,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$2,090,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$
<p><b>Description &amp; Justification</b></p> <p>The Town has an inventory of seven fire vehicles, including three quints and four pumper trucks. The CIP assumes periodic replacement of fire apparatus based upon a planned replacement cycle. Manufacturers are estimating 24-month lead times on delivery.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Public Works Rolling Stock			
<b>Department</b> Public Works		<b>Expected Life</b> 15- 20 years	
<b>Category</b> Rolling Stock		<b>Funding Schedule</b> Program Year 1: \$600,000	
<b>Fiscal Year</b> 2023-2024		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$600,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$600,000
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The Department of Public Works utilizes a variety of rolling stock to perform a diverse array of community maintenance services. Equipment in good repair is critical to the productive use of the Department's resources. The Town has developed a multi-year plan to replace rolling stock based upon the condition of existing inventory and expected useful life. Timely replacement of rolling stock contributes to the efficiency and effectiveness of community maintenance services while providing safe and compliant equipment for use by Department of Public Works staff.

Updating the Town's fleet relieves regulatory pressure to meet pollution and fuel economy standards associated with an aging fleet. Replacing needed equipment enhances the public image when vehicles and equipment are in good repair. Safe, reliable equipment which provides necessary functionality also improves relations with employees. Improved engineering and technological advances in updated equipment provides better management of resources. Onboard electronics systems and telematics enable better monitoring of daily operations and performance and provides the ability to manage application rates such as salt application rates. It also improves the ability to monitor and schedule preventative maintenance activities, and helps with workforce productivity.

Using Diesel Emissions Reduction Act grants where applicable will be used in conjunction with CIP funding.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Work Order Management System			
<b>Department</b> Public Works		<b>Expected Life</b> 10 Years	
<b>Category</b> Miscellaneous Equipment		<b>Funding Schedule</b> Program Year 1: \$180,000	
<b>Fiscal Year</b> 2023-2024		<b>Prior Year(s):</b> \$0	
<b>Project Duration</b> Non-Recurring		<b>Total Cost:</b> \$180,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$180,000
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The oversight and tracking of town infrastructure installation and maintenance, repair of town fleet vehicles and capturing incidents and request of town residents is centric to Public Works. Utilization of a work order management system is critical for the ability to capture and track the progress of all issues assigned to Public Works, record actions taken, provide operational metrics, and report to management by area of responsibility. In addition, it provides proactive information for the servicing of fleet vehicles helping to minimize reactive maintenance, capturing parts used and their associated costs for all equipment repaired. The current system is technically inefficient causing frustration for field technicians, to the point of not wanting to use the system, plus considerable back-office man-hours to get the basics of information captured.

The implementation of a technically advanced system with direct interface to the towns part supplier and GPS tracking system assure real time information and proactive maintenance of fleet vehicles. Its robust mobile user interface encourages technician usage with easy to navigate technology, filtering, and the ability to share information with managers when needed. It will provide management with the metrics and analytics to determine inventory usage, ongoing problem areas and where resources need to be best allocated. It also provides clear communication to town residents on the status, actions taken and resolution of requests submitted via the Public Works portal, eliminating an ongoing pain point. This project provides for the purchase of one (1) high efficiency work order management system including installation, transfer of historical data, implementation, and training.

This project funds the replacement of one (1) inefficient and labor-intensive work order management system. Funding for the replacement totals \$180,000.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Fire Miscellaneous Equipment			
<b>Department</b>		<b>Expected Life</b>	
Fire Department			
<b>Category</b>		<b>Funding Schedule</b>	
Rolling Stock / Miscellaneous Equipment		Program Year 1: \$90,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$90,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$90,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

Miscellaneous Equipment in good condition is critical to the safety and productivity of Town departments. The Town has developed a multi-year plan to replace these items based upon the condition of existing inventory and expected useful life. Timely replacement of Miscellaneous Equipment contributes to the efficiency and effectiveness of a Town department.

The Fire Department is requesting to purchase a gear washer and dryer, electrocardiogram machine (ECG), Rescue Tool, Lucas chest compression device, SCBA Packs and bottles, “Bail-out” kits, Thermal imaging cameras for staff, Replacement Ladder Belts and one capital EMS item per year (video laryngoscope, IV pump, AED, etc.).

The Department is always looking to maintain and improve the safety and cancer-reduction of their members. Cancer rates are increasing, and there is an urgent need for the department to provide equipment to combat these rates. Safety needs change, but are constantly present, and annual funding will be effective in immediately addressing issues.

Funds will also be used towards repairing currently licensed AM radio station for use by emergency management personnel in communicating preparedness information and information in emergencies, a new Griphoist System for pulling 4 tons, and to update Paratech Rescue Strut System.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Grounds Skid Steer Excavators			
<b>Department</b> Public Works		<b>Expected Life</b> 12 Years	
<b>Category</b> Rolling Stock / Miscellaneous Equipment		<b>Funding Schedule</b> Program Year 1: \$130,000	
<b>Fiscal Year</b> 2023-2024		Prior Year(s): \$110,000	
<b>Project Duration</b> Year 2 of 2		Total Cost: \$240,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$130,000
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The trees, parks and recreational areas throughout Town are highly valued assets admired by surrounding communities and cherished by its residents. Maintaining these large areas is a considerable task needing to be completed effectively and efficiently to assure residents' health and safety. Versatile equipment designed for the renovation of athletic fields, clearing of storm related tree damage, and snow clearing are critical to maintaining the town infrastructure.

The use of specialized skid steer excavators is critical to meeting not only daily maintenance but also storm related issues and snow clearing operations. Currently two skid steer excavators have reached the end of their life cycles amassing long years of use and run time. Continuing to maintain them has become cost prohibitive. In addition, given their age, their emission output is far beyond environmental standards. Newer designs and technology will greatly reduce the Town's emission footprint. This project provides for the purchase of two (2) higher efficiency skid steer excavators with all associated hardware. Year one (1) of this project purchased one of the two (2) skid steers. Timely replacement of the excavators will assure lower emissions, and reduced maintenance costs while being more efficient and effective to meet the Town's grounds management efforts.

This project funds the replacement of the second skid steer excavator at the end of its life expectancy. Funding for the second replacement totals \$130,000 in FY24.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Large Area Mowers			
<b>Department</b> Public Works		<b>Expected Life</b> 10 Years	
<b>Category</b> Miscellaneous Equipment		<b>Funding Schedule</b> Program Year 1: \$90,000	
<b>Fiscal Year</b> 2023-2024		<b>Prior Year(s):</b> 90,000	
<b>Project Duration</b> Year 2 of 2		<b>Total Cost:</b> \$180,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$90,000
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The recreational areas, parks and Board of Education (BOE) athletic fields are a cornerstone of the Town admired by surrounding communities and cherished by its residents. Maintaining these large areas of pristine lawn is a considerable task needed to be completed effectively and efficiently to support the needs of residents, teams and athletic clubs.

The use of large area mowers is critical to meeting ever growing recreational demand. Currently two large area mowers have reached the end of their life cycle amassing long years of use and run time. Continuing to maintain them has become cost prohibitive. In addition, given their age, their emission output is far beyond environmental standards. Newer designs and technology will greatly reduce the Town's emission footprint. This project provides for the purchase of two (2) higher efficiency 12' large area mowers with all associated hardware. Timely replacement of the large area mowers will assure lower emissions, and reduced maintenance costs while being more efficient and effective to meet the Town's large area grounds management efforts.

This project funds the replacement of the second of two 16' large area mowers at the end of its life expectancy. Both mowers have been funded and purchased using an advance of FY24 dollars in FY23. This was necessitated due to long lead times of acquisition. Funding for the second replacement totals \$90,000.

<b>Town of West Hartford Capital Improvement Program</b>			
<b>Project Title</b> Police Vehicle Replacement			
<b>Department</b> Police		<b>Expected Life</b>	
<b>Category</b> Rolling Stock/Miscellaneous Equipment		<b>Funding Schedule</b> Program Year 1: \$117,000	
<b>Fiscal Year</b> 2023-2024		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Non Recurring		<b>Total Cost:</b> \$117,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$117,000
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>Police Vehicles in good condition are critical to the safety and productivity of the Police Departments. A review of the current fleet shows the following vehicles are in need of replacement. Following this plan will refresh many of the unmarked and special service vehicles, most of which range from 13 to 19 years old. Please consider funds will be needed at a minimum of 40 weeks prior to placing these orders or they run the risk of cancellation.</p> <p>1 – K9 Patrol Utility Vehicle 1 – Detective Vehicle</p>			

Town of West Hartford Capital Improvement Program			
Project Title Public Works Miscellaneous Equipment			
Department Public Works		Expected Life 10-15 Years	
Category Rolling Stock / Miscellaneous Equipment		Funding Schedule Program Year 1: \$146,000	
Fiscal Year 2023-2024		Prior Year(s): \$0	
Project Duration Non Recurring		Total Cost: \$146,000	
Ongoing Operational Costs		Funding Source(s)	
Personnel Services	\$	BONDS	\$
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$146,000
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>The services provided by Public Works are dependent on having the right equipment, in good working order to assure efficiency, timeliness and safety to the work performed and to the resources using the equipment. All equipment used is utilized to maximize life expectancies but at some point needs replacement. Years of continuous hard work requires higher equipment maintenance costs and eventual replacement due to age and wear.</p> <p>The timely replacement of worn and high use equipment assures safety to its users, greater efficiency, and enhanced outcome attributable to newer technologies for residents. Considerable investments have been made in parks, athletic fields, signage, and roadways. Maintaining them to the levels expected by both industry standards and town residents is centric to Public Works' mission. This project requests the replacement of numerous pieces of equipment, with associated hardware, which have reached the end of their useful life span.</p> <p>The project requests the allocation of \$146,000 for the purchase a Sign Truck Chassis, Laminate Roller Table, and Athletic Laser Grader.</p>			



## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Radio Equipment			
<b>Department</b>		<b>Expected Life</b>	
Police			
<b>Category</b>		<b>Funding Schedule</b>	
Rolling Stock/Miscellaneous Equipment		Program Year 1:	\$40,000
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2023-2024		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Non Recurring		\$40,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$40,000
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The radio is the Police Department's most efficient means of communications. It serves not only as a means of receiving and transmitting, but can also be used to summon assistance, broadcast alarms, and coordinate field activities. Having the appropriate tools allows the department to be more proficient. These funds will be used to purchase:

- Tait Mobile Radios: Two of these are necessary to outfit the mobile command vehicle, one is a necessary back up for the PD fleet when repairs are required.
- Tri-Band Mobile Radio: This will be necessary for interoperable communications in the mobile command vehicle which is currently being built.
- Portable Radios PD Personnel: These are portables to outfit new PD personnel, mitigating the shortages due to ongoing repairs and reassignments.
- UHF Keys to 10 Existing Radios: The addition of the UHF keys to existing radios make communications in other municipalities possible, which for K9 officers is a regular occurrence, also very beneficial for support units.
- VP Gate Servers: Have not been updated in 5 years and have a high potential for failure. Failure would mean that ERC is unable to identify any town units that call on the radio, creating a safety issue.
- Tait Portable Radios: These are required to fill the shortages for support units for Police (private duty), also will be utilized for mass response incidents with surrounding agencies and for mobile command vehicle when needed.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Police Pistol Replacement			
<b>Department</b> Police Department		<b>Expected Life</b> 10 Years	
<b>Category</b> Rolling Stock/Miscellaneous Equipment		<b>Funding Schedule</b> Program Year 1: \$100,000	
<b>Fiscal Year</b> 2023-2024		<b>Prior Year(s):</b>	
<b>Project Duration</b> Non Recurring		<b>Total Cost:</b> \$100,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$100,000
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The West Hartford Police Department is requesting \$100,000 for the replacement of the sworn police officer(s) duty pistols. The current issued firearms are nearing 8 years of service with a life expectancy of 10 years depending on rounds fired.

Some recent developments have focused on officer proficiency, targeting and efficiency in lethal situations. The review of shooting situations, including the Bristol Police Department incident, demonstrates that officers need a more accurate targeting system on their pistols to stop active shooters.

In an effort to be fiscally responsible, and with the looming replacement of current weapons on the horizon combined with a more accurate weapon system, department personnel have been tasked with investigating possible replacement scenarios.

**TOWN COUNCIL ADOPTED CIP BUDGET**  
**CAPITAL IMPROVEMENTS BY PROJECTS AND FUNDING SOURCES**  
**PROGRAM YEAR 2 - FISCAL YEAR 2024-2025**  
**(\$ IN THOUSANDS)**

	<u>BONDS</u>	<u>CNRE</u>	<u>GRANTS</u>	<u>OTHER</u>	<u>TOTAL</u>
<b><u>TRANSPORTATION &amp; CIRCULATION</u></b>					
Pedestrian & Bicycle Management	684	-	-	-	684
Storm Water Management	733	-	-	-	733
Street Reconstruction	1,500	-	-	-	1,500
Street Resurfacing	2,715	-	431	-	3,146
Traffic System Management	200	101	-	-	301
Flood Mitigation Infrastructure Improvements	5,000	-	-	-	5,000
Farmington Avenue Reconstruction	-	-	1,650	-	1,650
Infrastructure Improvement Project	<u>200</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>200</u>
Sub-Total	<b>11,032</b>	<b>101</b>	<b>2,081</b>	-	<b>13,214</b>
<b><u>EDUCATION</u></b>					
Asbestos Removal	200	-	100	-	300
Computer Infrastructure	-	400	-	-	400
Exterior School Building Improvements	1,415	-	760	-	2,175
Furniture & Equipment Replacement	-	200	-	-	200
Heating & Ventilation Systems	900	-	-	-	900
Interior School Building Improvements	1,480	-	370	-	1,850
Site and Athletic Field Improvements	550	-	-	-	550
Stage & Auditorium Renovations	200	-	-	-	200
Elementary School Air Quality	4,432	-	1,108	-	5,540
Wolcott Security Improvements	<u>2,500</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>2,500</u>
Sub-Total	<b>11,677</b>	<b>600</b>	<b>2,338</b>	-	<b>14,615</b>
<b><u>PARKS &amp; RECREATION</u></b>					
Outdoor Pool Improvements	-	50	-	-	50
Park & Playfield Improvements	400	-	-	-	400
Eisenhower Pool and Bathhouse Replacement	2,000	-	-	-	2,000
Park & Playscape Management	-	125	-	-	125
Rockledge Irrigation Replacement	<u>2,400</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>2,400</u>
Sub-Total	<b>4,800</b>	<b>175</b>	-	-	<b>4,975</b>
<b><u>TOWN BUILDING IMPROVEMENTS</u></b>					
Heavy Equipment/Truck Storage Facility	200	-	-	-	200
Various Police Department Improvements	1,200	-	-	-	1,200
Materials Solution Center Modernization	1,750	-	-	-	1,750
Town Building Improvements	1,462	400	-	-	1,862
Energy Conservation	<u>-</u>	<u>100</u>	<u>-</u>	<u>-</u>	<u>100</u>
Sub-Total	<b>4,612</b>	<b>500</b>	-	-	<b>5,112</b>
<b><u>GOVERNMENTAL OPERATIONS</u></b>					
Communications Infrastructure	350	260	-	-	610
Document Digitization Project	250	-	-	-	250
Time & Attendance System	<u>250</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>250</u>
Sub-Total	<b>850</b>	<b>260</b>	-	-	<b>1,110</b>
<b><u>ROLLING STOCK/MISC EQUIPMENT</u></b>					
Public Works Rolling Stock	600	-	-	-	600
Town Vehicles	-	160	-	-	160
Grounds MadVac EV	227	-	-	-	227
Fire Miscellaneous Equipment	-	225	-	-	225
Fire Support Fleet	-	165	-	-	165
Public Works Miscellaneous Equipment	<u>-</u>	<u>28</u>	<u>-</u>	<u>-</u>	<u>28</u>
Sub-Total	<b>827</b>	<b>578</b>	-	-	<b>1,405</b>
Program Year 2 - Grand Total	<b><u>33,798</u></b>	<b><u>2,214</u></b>	<b><u>4,419</u></b>	<u>-</u>	<b><u>40,431</u></b>

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## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Pedestrian and Bicycle Management			
<b>Department</b> Community Development		<b>Expected Life</b> 25 Years	
<b>Category</b> Transportation & Circulation		<b>Funding Schedule</b> Program Year 2: \$684,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$684,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$684,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

This capital program addresses the needs of the pedestrians and bicyclists throughout the Town. The Town of West Hartford maintains an extensive system of 300 miles of sidewalks. These sidewalks provide a safety benefit to pedestrians in lieu of walking in the street. The sidewalk system also provides a neighborhood enhancement, and benefits school children, business patrons throughout town, and recreational users. The Engineering Division refers to the Town's Sidewalk Policy for consideration of adding sidewalk sections to eliminate sidewalk gaps in the Town's sidewalk network.

In addition to the sidewalk system, the Engineering Division will continue to design and construct on and off-street bicycling options across the Town. For on-street bicycling options, the Town intends to evaluate and appropriately sign and mark suitable roadways in accordance with the Town's Complete Streets Policy, especially the Bicycle Facility Plan.

With additional funding and multiple contractors, the Town reduced from over 2,000 to approximately 1,050 total sidewalk work order requests. We annually average 200 new work order requests and address 225 work orders.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Storm Water Management			
<b>Department</b> Community Development		<b>Expected Life</b> 50 Years	
<b>Category</b> Transportation & Circulation		<b>Funding Schedule</b> Program Year 2: \$733,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$733,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$733,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

This capital program maintains the complex, Town-wide drainage system, which includes 13 bridges, 73 culverts, 7,600 drainage structures, and 175 miles of pipe.

Most of the Town's bridges and some of the Town's culverts are inspected every two years by the State of Connecticut, Department of Transportation. The Engineering Division performs periodic inspections of the remaining bridges and culverts.

Some inspections of the Town's storm pipes occur annually on an as-needed basis to investigate flooding, pavement failures, or in advance of a road repaving project. These annual video inspections cost approximately \$50,000. Inevitably, the pipe inspections lead to necessary pipe replacements, which average \$300,000 per year.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Street Reconstruction			
<b>Department</b>		<b>Expected Life</b>	
Community Development		30 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Transportation & Circulation		Program Year 2:     \$1,500,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$1,500,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,500,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>This Capital Improvement Program (CIP) provides the funding necessary to address the reconstruction needs of any Town roadway in order to keep them operational for the public.</p> <p>Street Reconstruction involves the following: coordination with utility companies to ensure underground facilities are not in need of repair or replacement; evaluation for complete street components; replacement of curb; replacement of failing concrete or paver sidewalk; replacement of concrete or asphalt driveway aprons; replacement of drainage structures; re-establishment of the roadway base material; roadway repaving; pavement markings; traffic signage; and traffic control services during construction.</p> <p>Planned 2025 roadway reconstructions include: Ardmore Road, Highland Street, King Philip Drive (Tumblebrook Lane to Fuller Drive), Pleasant Street, and Warwick Street.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Street Resurfacing			
<b>Department</b>		<b>Expected Life</b>	
Community Development		20 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Transportation & Circulation		Program Year 2:        3,146,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$3,146,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$2,715,000
Contractual Services	\$	Grants	\$431,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The Town strives to repave 10 or more miles of roadway each year, via this Capital Improvement Program. Due to the escalating cost of asphalt and current staffing levels, the Town has only been able to resurface an average of 6.8 miles over the past five years.

The streets selected for resurfacing are based on the annual pavement condition evaluation. Of the Town's 217 miles of roadway, 24 percent or 52 miles are in poor or extremely poor condition. Selections are also based on geographical considerations to balance the repaving throughout Town. The Street Resurfacing Program includes: milling to partially remove the existing pavement; sweeping the roadway clean; paving the roadway; and traffic control services during construction. In most cases, bituminous curbing and driveway aprons are also replaced. Also, \$50,000 from this program is used for pavement crack sealing on roadways that were repaved approximately five years prior. The Town also coordinates all work with the utility companies.

The Public Works Department and the Town's drainage contractor replace catch basins in conjunction with the street resurfacing program. On average, 240 catch basins are replaced every year at a cost of approximately \$360,000.



## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Traffic System Management			
<b>Department</b> Community Development		<b>Expected Life</b> 30 Years Infrastructure 5 Years Pavement Markings	
<b>Category</b> Transportation & Circulation		<b>Funding Schedule</b> Program Year 2: \$301,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$301,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$200,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$101,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

This Capital Improvement Program addresses the improvement or replacement of the Town's 62 traffic signals, 1,200 traffic control signs, 30 miles of pavement markings, two miles of guiderail, and the Town's street lighting system. Proper operating maintenance of these traffic control devices greatly improves safety to the mobile public. This Program provides funding to install traffic calming measures and intersection traffic safety improvements.

Of the Town's 62 traffic signals, five remain that are approaching the end of their useful life at 25 years or older. The goal of this program is to replace one traffic signal every other year, make necessary traffic signal improvements such as pedestrian signal upgrades to add exclusive pedestrian signal phases and/or accessible pedestrian signal equipment, and to replace all necessary pavement markings affected by the repaving program and replenish others throughout Town. Guiderail, traffic signage, and street lighting are replaced as necessary.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Flood Mitigation Infrastructure Improvements			
<b>Department</b>		<b>Expected Life</b>	
Community Development		50 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Transportation & Circulation		Program Year 2: \$5,000,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		2,000,000	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$7,000,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$5,000,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$

### Description & Justification

Due to repetitive street and property flooding, three drainage studies were completed to evaluate and recommend improvements to the Town's street drainage system to reduce the frequency and impact from flooding after heavy rain events. These studies covered approximately 10 percent of the Town's street drainage system in the center of the Town spreading from Mohawk Drive (North), Farmington Avenue (South), Walbridge Road (East), and Pleasant Street (West).

Several areas within these studies were identified as in need of larger storm pipes, storm pipe extensions, and drainage connections from private properties to the Town's storm drainage system.

Funding in this program year is for the construction of the second year of a multi-year program to improve the Town's storm drainage infrastructure to mitigate flooding impacts. The Engineering Division is seeking grants to fund the construction of these improvements.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Farmington Avenue Reconstruction			
<b>Department</b>		<b>Expected Life</b>	
Community Development		30 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Transportation & Circulation		Program Year 2:     \$1,650,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Non-Recurring		\$1,650,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$1,650,000
Other	\$	Other	\$
<p><b>Description &amp; Justification</b></p> <p>This program includes Complete Streets improvements on Farmington Avenue from Walden Street to Main Street including the intersections at Walden Road, LaSalle Road, and the Municipal Parking Lot Driveway. Program elements include sidewalk expansions, replacement of sidewalk surfaces, replacement of street trees and tree wells, sidewalk furniture, low impact development drainage improvements, traffic calming improvements, roadway repaving, and new pavement markings.</p> <p>This project will be utilizing ARPA funds.</p>			

<b>Town of West Hartford Capital Improvement Program</b>			
<b>Project Title</b> Infrastructure Improvement Project			
<b>Department</b> Community Development		<b>Expected Life</b> 20 Years	
<b>Category</b> General		<b>Funding Schedule</b> Program Year 2: \$200,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$200,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$200,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$
<b>Description &amp; Justification</b> This program funds the replacement of public infrastructure that involves multiple departments. Examples of infrastructure eligible for this program include, but are not limited to: Trout Brook Trail, Town parking lots, Webster Walk area, and Memorial and Isham parking garage.			

Town of West Hartford Capital Improvement Program			
<b>Project Title</b> Asbestos Removal			
<b>Department</b> Public Schools		<b>Expected Life</b>	
<b>Category</b> Education		<b>Funding Schedule</b> Program Year 2:       \$300,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$300,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$200,000
Contractual Services	\$	Grants	\$100,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<b>Description &amp; Justification</b> Asbestos Containing Material (ACM) has been found throughout the district in locations documented in the Board of Education’s Asbestos Management Plan. The annual appropriation is used to support many other recurring projects, such as boiler replacement. Ideally, the removal precedes the designated recurring construction activity. These funds pay for asbestos removal project specifications, diagrams, hygienists, actual removals, testing results, and final reports.  Inert asbestos containing material can be encapsulated rather than removed. Construction and/or renovation activities, however, often make inert materials friable and removal provides for safer, more predictable working conditions. Additionally, when asbestos containing materials are encountered on a work site, all activities must cease until the removal of the asbestos has been completed. Therefore, we are better able to project construction/renovation schedules and cost with the asbestos removed in advance.  Funding is allocated toward the removal of asbestos identified during renovations, flooring replacements, and heating improvements.			

## Town of West Hartford Capital Improvement Program

Project Title				Computer Infrastructure			
Department			Public Schools	Expected Life			3-5 Years
Category			Education	Funding Schedule			Program Year 2: \$400,000
Fiscal Year			2024-2025	Prior Year(s):			-
Project Duration			Recurring	Total Cost:			\$400,000
Ongoing Operational Costs				Funding Source(s)			
Personnel Services		\$		Bonds		\$	
Contractual Services		\$		Grants		\$	
Non-personnel Services		\$		CNRE Fund		\$400,000	
Other		\$		Special Revenue Fund		\$	

### Description & Justification

All West Hartford Public Schools are connected to a fiber-optic metropolitan area network (MAN). The internal connections at each school consists of layer 2 switches and layer 3 routers to bring the network and internet resources to all offices and classrooms. Servers, switches, telecommunications equipment and other appliances will require proactive replacement to improve mean time between failures and reduce mean time to recovery. Additionally, these funds are used to annually replace the oldest computers in the district for newer models capable of meeting the demands of current administrative and educational software. These funds, combined with funding in the operating budget, constitute our technology investment in the schools.

The ongoing investment in educational and administrative computing is a critical element in providing what has become basic functionality in today's technology reliant education environment.

This program supports the computer fleet at all 16 public schools and administrative offices. In order to stay current with software requirements and phase out the oldest hardware that is past its usable life and out of warranty coverage, maintenance of an annual technology refresh schedule of 1,500 devices on average is required. This program ensures a reliable device fleet that is able to support computer based testing mandates.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Exterior School Building Improvements			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 2:      \$2,175,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$2,175,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,415,000
Contractual Services	\$	Grants	\$760,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

With 16 buildings of varying age, exterior school improvements are an annual requirement. Exterior school improvements may include roofing, masonry, window upgrades and exterior door replacement, as well as other structural improvements. Re-roofing includes removal of existing materials and in many cases, insulating with thicker, denser materials to provide for increased energy conservation. It also includes the installation of necessary flashings, counter flashings, drainage improvements and related masonry repairs. A systematic re-roofing program addresses the fact that building materials decay, while it ensures the useful life of the building and protects a significant capital asset. Masonry includes restoration and re-pointing of building facades. Window upgrades replace single pane windows with energy efficient window systems.

The desirability of maintaining roofs in a good state of repair represents a prudent approach to building maintenance. Deterioration of roofing surfaces and exterior building envelopes, left unchanged, exposes buildings to water damage and long-term structural damage.

This year's appropriation will be dedicated to partial roof replacement at Hall.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Furniture and Equipment Replacement			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 2: \$200,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$200,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$200,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

The Furniture and Equipment Replacement program provides for the periodic replacement of furniture and equipment district-wide as the inventory becomes worn out, unable to be repaired, or unsafe. There are five categories of items included in this replacement program.

**Classrooms and Laboratories**— There are approximately 617 classrooms in the 16 schools that comprise the district. Classroom and laboratory furniture have a life span of approximately 20 years. This category of furniture includes student desks and chairs, teacher desks and chairs, laboratory tables and chairs. These items have been standardized throughout the district to streamline maintenance and repairs and so that items may be transferred between schools as needed. Adjustable desks are specified for the elementary schools so that furniture can be transferred to different grade levels within an elementary school.

**Administrative** – Each of the 16 schools have main offices along with support staff operations that have furniture requirements including desks, chairs, tables, filing cabinets, and permanent dividing walls. Office furniture has a typical life span of 20 years.

**Cafeteria** – Each of the 16 schools has a cafeteria that requires tables and chairs for students. In many instances, these spaces are also used for additional classroom space, assemblies and meetings. These items have been standardized throughout the district to streamline maintenance and repairs and so that items may be transferred between schools. Cafeteria furniture has a typical life span of 15 years.

**Equipment** – Items in this category include appliances and folding dividing walls. Appliances have a life span of between 10 and 15 years and dividing walls have a typical life span of approximately 30 years.

**Lockers** – Element of the school building design which is subject to excessive wear and tear as generations of students make use of these temporary storage receptacles. Because certain lockers cannot be repaired further, there is a need for lockers district-wide for the next several years. New lockers are specified to be wider and deeper than existing ones, and they are usually specified to have a more limited number of moving components, thereby limiting our future repairs and maintenance.

Furniture has a limited useful life. Much of the Town's inventory has been pushed well beyond that life span. As many older pieces become obsolete, the Town can no longer obtain repair parts. Finally, as educational methods change, furniture needs change.

This funding will go toward the replacement of furniture, equipment, and lockers throughout the system.



## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Heating and Ventilation Systems			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 2:      \$900,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$900,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$900,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>This program provides for the replacement of existing boilers and upgrades to existing HVAC systems some of which have performed well beyond their useful life. Replacement boilers are typically more energy efficient and include a greater amount of programmable auxiliary controls. Reconfigured piping is often necessary. New temperature-controlled gas burners are included, as are requisite improvements to the gas piping. Associated breeching, dampers and needed chimney repairs are included.</p> <p>Good preventive maintenance practice dictates that major building components be repaired or replaced, if necessary, before problems arise. Few components of a building are as essential as a dependable boiler. Boiler failures can cause major problems to the educational process as well as unanticipated major expenses during the middle of a fiscal year.</p> <p>This funding will go toward the replacement of the boilers at Hall.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Interior School Building Improvements			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 2:      \$1,850,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$1,850,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,480,000
Contractual Services	\$	Grants	\$370,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

School building improvements consist of facility needs that are not specifically outlined as a separate capital project. These expenditures include replacement of fire alarm systems, handicap accessibility improvements, lighting system upgrades, HVAC control system replacements, and building and fire code related improvements.

The school system has 11 elementary schools, three middle schools, and two high schools that together comprise more than 1.75 million square feet of educational facilities. These facilities require regular investment to maintain their existing infrastructures and upgrade their systems. This appropriation continues the Town's reinvestment in its schools and commitment to maintain them in good condition.

Improvements this year will include flooring replacement and painting at King Philip and Wolcott, restroom renovations at Aiken and exterior door replacement at Sedgwick.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Site and Athletic Field Improvements			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 2:      \$550,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$550,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$550,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>The school fields and site infrastructure have experienced significant wear and tear. Most of these facilities were originally constructed more than fifty years ago. Funding is used to upgrade facilities to ensure their continued usefulness.</p> <p>West Hartford's athletic fields have been intensively used to a point where facilities have become inadequate or are beginning to show signs of deterioration. Much of the site infrastructure is also in need of replacement. The purpose of these improvements is to provide safe playing and pedestrian conditions. A long-term athletic field and site infrastructure improvements program is needed to prevent further deterioration and to preserve these important community resources.</p> <p>The funding will go toward paving at Braeburn.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>		Stage & Auditorium Renovations	
<b>Department</b>	Public Schools	<b>Expected Life</b>	
<b>Category</b>	Education	<b>Funding Schedule</b>	
		Program Year 2:	\$200,000
<b>Fiscal Year</b>	2024-2025	<b>Prior Year(s):</b>	
			-
<b>Project Duration</b>	Recurring	<b>Total Cost:</b>	
			\$200,000
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$200,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

Every school facility in West Hartford has an auditorium and all but Smith School have a type of traditional stage. Many of the stage components and systems have outlived their useful life and are either non-functional or have been made inoperable due to safety concerns. Furthermore, many stages have lighting panels which require updating by code.

The West Hartford Public Schools curriculum has been distinguished by its emphasis on excellence in academics, athletics and the arts. Theater, acting and stagecraft are all part of the curriculum. Our auditoria are the scene of many Town-wide events, such as the Pops and Jazz Concerts and the winter concerts. Furthermore, the safety of the stages as well as their versatility is important to those renting our facilities. The middle schools offer a full program of artistic events to their communities year round. The fact that many of our stages require significant repairs limits the kinds of productions we can offer the community and the teaching experiences we can offer our students.

Funding will be allocated for auditorium lighting and sound improvements at Whiting Lane, Bugbee, Duffy, and Wolcott.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Elementary School Air Quality Improvements			
<b>Department</b> Public Schools		<b>Expected Life</b>	
<b>Category</b> Education		<b>Funding Schedule</b> Program Year 2: \$5,540,000	
<b>Fiscal Year</b> 2024-2025		Prior Year(s): 7,715,000	
<b>Project Duration</b> Program Enhancement – Year 3 of 15		Total Cost: \$13,255,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$4,432,000
Contractual Services	\$	Grants	\$1,108,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>The majority of our elementary schools were built prior to 1964 and lack modern fresh air ventilation, air conditioning, and have their original single-pane glass window systems. The single-pane glass window systems were intended by design to leak air as a means of providing fresh air. Modern building standards require fresh air to be provided via mechanical air handlers in which outside air is brought in, filtered to remove contaminants, and mixed with existing air with a certain percentage being expelled to the outside and the remaining air being recirculated into the building based upon carbon dioxide levels. Many studies have shown that proper fresh air and comfort is a substantial benefit to student success in a learning environment.</p> <p>Two of our elementary schools have building-wide fresh air and air conditioning systems (Charter Oak International Academy and Smith), two elementary schools have building-wide fresh air systems with limited air conditioning (Braeburn and Wolcott), and the remaining seven elementary schools have limited fresh air and air conditioning along with single-pane window systems. In the 1970s, many of the single-pane window systems were in-filled with sheetrock and insulation in order to help save energy. While this action did save on energy costs, it reduced the number of operable windows in the building, reduced the amount of fresh air entering the building, and also reduced the amount of natural light.</p> <p>As part of the school reopening process necessitated by the COVID-19 pandemic, a retro-commissioning project was conducted by a mechanical engineering consultant to assess and recommend repairs and/or adjustments to our existing HVAC systems in all 16 schools to increase fresh air ventilations and improve air filtration levels where feasible. This project has provided the district with a solid starting point to evaluate and make improvements to improve fresh air quality in the schools.</p> <p>This program enhancement provides funding over a 15-year period to make improvements at the nine elementary schools that lack modern fresh air, air conditioning, and modern window systems. The funding this year will go to Webster Hill.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Wolcott Security & Office Improvements			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 2:     \$2,500,000	
<b>Fiscal Year</b>			
2024-2025		Prior Year(s):     \$500,000	
<b>Project Duration</b>			
Program Enhancement –Year 2 of 2		Total Cost:     \$3,000,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$2,500,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>The main office at Wolcott is located internally in the building, limiting the ability of staff to safely allow visitors into the school. This project would create a small addition at the front of the building for the main office, adjacent to the library/media center, and replace the entry canopy. This configuration would address the safety concern that currently exists. In addition, Wolcott has been experiencing a dramatic increase in the number of students requiring additional services beyond the standard classroom, requiring space that is appropriate to provide these services. Currently, several classrooms have been converted to host multiple small groups at one time but this configuration is not conducive to effectively providing these services. There is also one classroom located on the lower level of the building that is not handicapped accessible. The proposed addition would allow for renovation of the existing main office into several small group learning rooms to address the need for additional services and eliminate the classroom in the lower level.</p> <p>Funding in the second year would be utilized to perform the construction and renovation work.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Outdoor Pool Improvements			
<b>Department</b>		<b>Expected Life</b>	
Leisure Services & Social Services		10 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Parks & Recreation		Program Year 2:            \$50,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$50,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$50,000
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>The money for this project will be used to repair filtration systems, underground pipes, and concrete decks where necessary. This is an ongoing program to address facility issues within our neighborhood pools.</p> <p>This project will allow for improvements at the Town's five outdoor pools and four spray decks. Funding under this program will assist the department in maintaining visitor safety as well as upgrading the appearance of the outdoor pools by completing minor projects not addressed through the operating budget.</p> <p>The outdoor pool season is a summer program of limited duration. This program will allow the Town to minimize downtime at the outdoor pools, thus assuring the community has use of their pools during the summer months.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Park & Playfield Improvements			
<b>Department</b>		<b>Expected Life</b>	
Leisure Services & Social Services			
<b>Category</b>		<b>Funding Schedule</b>	
Parks & Recreation		Program Year 2: \$400,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$400,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$400,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

West Hartford's parks and athletic fields are intensively used by youth leagues, some to a point where facilities have become inadequate or are beginning to show signs of deterioration. The purpose of park and playfield improvements is to provide safe playing conditions so that interscholastic and youth league injuries can be minimized. The program also covers tennis and basketball courts in parks. A long-term athletic field improvements program, developed in conjunction with the Department of Public Works, prioritizes field maintenance to prevent further deterioration and to preserve these community resources within Town parks.

Post tension concrete projects have been implemented in several public parks to date. Investment in this technology saves on long-term upkeep costs. This year, if funds did not allow in FY 24 regrading will be accomplished at Beachland's soccer field. Attention will be focused on the installation of post tension courts \$(330,000) at the Eisenhower basketball site. Remaining funds would be used to install CMU dugouts at Eisenhower Park baseball field (\$60,000); the remainder (\$10,000) will address field improvements at various sites.



Town of West Hartford Capital Improvement Program			
<b>Project Title</b>		Eisenhower Pool and Bathhouse Replacement	
<b>Department</b> Leisure Services & Social Services		<b>Expected Life</b>	
<b>Category</b> Parks & Recreation		<b>Funding Schedule</b> Program Year 2:      \$2,000,000	
<b>Fiscal Year</b> 2024-2025		Prior Year(s):      2,400,000	
<b>Project Duration</b> Year 2 of 2		Total Cost:      \$4,400,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$2,000,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$
<p><b>Description &amp; Justification</b></p> <p>West Hartford supports community pools in four parks. Community pools offer many benefits to the physical, mental, emotional and social health of our community. The renovation of Eisenhower Pool and Bathhouse is a critical infrastructure improvement. The funding in place (\$2.4M) was not sufficient to meet the cost of construction. An estimated additional \$2M is required to fund the project fully.</p> <p>The construction schedule is expected to be August 21, 2023 to May 31, 2024.</p>			

Town of West Hartford Capital Improvement Program			
<b>Project Title</b>		Park & Playscape Management	
<b>Department</b> Leisure Services & Social Services		<b>Expected Life</b> 10-15 Years	
<b>Category</b> Parks & Recreation		<b>Funding Schedule</b> Program Year 2: \$125,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$125,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$125,000
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>Funds for this project will be used to repair and/or replace existing playscapes and playground equipment at Town parks. This is a recurring program to address facility improvements. The ongoing maintenance of existing equipment will provide for accessible playgrounds, improve safety, and better serve the needs of neighborhoods.</p> <p>This year’s appropriation will fund the replacement of various fencing replacements and ongoing maintenance repairs of park playground structures and equipment.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Rockledge Irrigation Replacement			
<b>Department</b> Leisure Services & Social Services		<b>Expected Life</b> 20-25 years	
<b>Category</b> Parks & Recreation		<b>Funding Schedule</b> Program Year 2: \$2,400,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Non- Recurring		<b>Total Cost:</b> \$2,400,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$ 2,400,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$

### Description & Justification

Rockledge Golf Course's irrigation system was originally installed in 1981 with a 20-year lifespan. It is long overdue for a replacement. In order to protect the investment of the course, save money on repairs and water leaks, and increase efficiency, this replacement is required. The irrigation system is important to maintain quality golf; all greens, tees and most fairways are irrigated. Components include the irrigation ponds (fed by wells); a pump station, water distribution pipes, control valves, control lines (with controllers) and sprinkler heads. Irrigation complements fertilizer and Integrated Pest Management, allowing for judicious use and increased use of organic treatments. It also helps control algae and heat stress. An automated system would allow remote adjustments.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Heavy Equipment/Truck Storage Facility			
<b>Department</b>		<b>Expected Life</b>	
Public Works		30 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Building Improvement		Program Year 2: \$200,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		\$0	
<b>Project Duration</b>		<b>Total Cost:</b>	
Year 1 of 2		\$200,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$200,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$

### Description & Justification

The Public Works facility located on Brixton Street supports the Town's infrastructure and facility maintenance operations. The Brixton Street location is responsible for housing all Street, Fleet, Traffic Safety, Grounds, BOE Grounds, Town Plant & Facility, and BOE Facility maintenance operations and their supporting employees. The current storage facility at this location is inadequate to support the core operational needs of Public Works. The current facility is undersized and non-conforming with today's safety and operational effectiveness standards. This was exacerbated when the Town's Grounds, Facility, BOE Grounds, and BOE Facility maintenance operations and employees were relocated to the Public Works location over the last 10 years. The site is currently working to develop a master plan which is required to support its operational needs.

The existing storage facility, designed and built in 1998, is inadequate to support the volume, storage, and operational maintenance for critically valued trucks, construction equipment, and collateral equipment. The current building design limits operational effectiveness and presents serious OSHA challenges with the mobilization of the units that use the facility. Access to collateral equipment and high-valued materials is challenging and limited. Supporting operational equipment and vehicles have evolved considerably over the last two decades, and the Public Works facility has grown its operational utilization by other departments as they have relocated to the Brixton Street location over the last 10 years. The facilities can no longer adequately support the demand for space, size and configuration of the units intended to be stored. This leaves valuable vehicles and equipment exposed to weather and other environmental conditions, creating a negative impact on operational readiness and life expectancy of equipment.

A new and repositioned storage facility is required to improve day-to-day maintenance and control of valued equipment and vehicles. The facility will support the storage of seasonal equipment such as plows and material-spreading apparatus, provide secure and environmentally-controlled storage, plus improved storage for smaller yet vital equipment and tools such as portable saw, compressors, and support units. Most importantly, a revised facility will improve the effectiveness and efficiency of the site while maintaining regulatory safety requirements for all employees performing day-to-day operations.

The requested funding will support hiring professional services for design, feasibility analysis, and project specifications for a construction project.

Town of West Hartford Capital Improvement Program			
Project Title		Various Police Department Improvements	
Department Facilities		Expected Life 50 years	
Category Building Improvements		Funding Schedule Program Year 2: \$1,200,000	
Fiscal Year 2024-2025		Prior Year(s): -	
Project Duration Non-Recurring		Total Cost: \$1,200,000	
Ongoing Operational Costs		Funding Source(s)	
Personnel Services	\$	Bonds	\$1,200,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$
<p><b>Description &amp; Justification</b></p> <p>Police Department is requesting the following projects:</p> <p>Lab Improvements</p> <p>Patrol/Traffic Office Reconfiguration</p> <p>General Building Improvements</p> <p>ERC Extra Station</p> <p>Professional Standards &amp; Patrol Furniture</p> <p>Community Relations Offices</p>			

Town of West Hartford Capital Improvement Program			
<b>Project Title</b>		Materials Solution Center Modernization	
<b>Department</b>		<b>Expected Life</b>	
Public Works		25 years	
<b>Category</b>		<b>Funding Schedule</b>	
Building Improvements		Program Year 2: \$1,750,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		\$0	
<b>Project Duration</b>		<b>Total Cost:</b>	
Non-Recurring		\$1,750,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$1,750,000
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	OTHER	\$
<p><b>Description &amp; Justification</b></p> <p>The property at 25 Brixton Street is owned by the Town and serves as the Town's Yard Waste and Recycling Center. Phase one of this project was completed in 2019 with the demolition of the incineration building to support a more efficient use of the property and for a redesign of the Yard Waste and Recycling Center to better serve the public and improve Public Works' operational efficiency. The lot is 15.78 acres, 8.61 of which is utilized for a transfer station and volume reduction facility.</p> <p>The ash landfill is now used as a quasi-public organic volume reduction and composting operation. The organic management operation receives both commercial and municipal green waste such as woody vegetation, leaves, and other organic landscaping waste.</p> <p>The redevelopment and modernization of this site supports the State of Connecticut Department of Energy and Environmental Protection's (DEEP) Comprehensive Materials Management Strategy and their 60% waste diversion goals by 2024. Using grant and CIP funding, the Town completed the Environment Assessment and Remedial Action Plan in 2018. In fiscal year 2021, funds were allocated for redesign and construction of a modern Materials Solution Center for recycling and waste diversion.</p> <p>FY24 funding encompasses the capping of the current landfill to meet DEEP requirements, and the construction of new facilities to address the towns current and future requirements of MSW, recycling and yard waste management.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Town Building Improvements			
<b>Department</b> Facilities Services		<b>Expected Life</b>	
<b>Category</b> Building Improvements		<b>Funding Schedule</b> Program Year 2: \$1,862,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$1,862,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,462,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$400,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

Town building improvements are facility needs not addressed under other capital projects and include the categories of heating, ventilation and cooling (HVAC) systems, roofing and masonry, interior finishes, fixtures and furnishings, and code compliance. This program allows for improvements to the Town's municipal buildings, such as completing minor projects and replacing equipment and building amenities, and to maintain and upgrade the systems and appearance of the buildings.

**Heating, Ventilation and Cooling (HVAC) Systems** - HVAC systems provide heating, cooling and air circulation to users of buildings. Air temperature and indoor air quality are important issues to building occupants in regard to their personal comfort and health. The periodic replacement of boilers, furnaces, chillers, cooling towers, air handlers, and ventilation systems is required as these systems wear out and/or become obsolete. New HVAC systems also provide the Town an opportunity to install more energy efficient equipment and to install modern direct digital controls, which provide greater control and will lower operating costs.

**Roofing and Masonry** - Proper maintenance of the exterior building shell is required to prevent water and air penetration into the building. Water damage can cause significant damage to a building and potential health hazards to building occupants. Air penetration causes heating and cooling losses and interferes with the proper operation of HVAC equipment and can lead to excessive wear and tear of the equipment and higher operating costs. Building roofs have a life span of approximately 20 to 25 years.

**Interior Finishes, Fixtures and Furnishings** - Interior finishes include wall, floor and ceiling surfaces; fixtures include restroom toilets, sinks, partitions, and kitchen sinks; furnishings include appliances such as stoves, ovens, refrigerators, and water fountains, benches and other miscellaneous items that are permanently installed in buildings.

**Code Compliance** - Code compliance includes fire and life safety, handicap accessibility, elevator and public health codes in Town buildings. Codes periodically change, or if it is discovered that we are not in compliance with the code, we must make repairs, enhance systems, or modify buildings to meet the requirements of the code.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Energy Conservation			
<b>Department</b> Facilities Services		<b>Expected Life</b>	
<b>Category</b> Building Improvements		<b>Funding Schedule</b> Program Year 2: \$100,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$100,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$100,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

This project will fund energy conservation improvements to Town and school buildings as part of the Town's overall energy management strategy. Each year, capital improvements will be identified based upon recommendations of the Town's energy specialist that will reduce the consumption and cost of energy. Based upon a priority ranking and payback schedule, those improvements that will have the best return will be implemented. Improvements may include more efficient equipment, energy management control systems, financial incentive programs for improvements from the utility companies, implementing separate heating and cooling systems within buildings, and taking advantage of new technologies.

Natural gas, electricity, and water costs are projected to increase for the foreseeable future. Investments need to be made that reduce the consumption of energy and water to manage energy costs. This dedicated project for energy conservation improvements establishes these investments as a priority rather than competing with other building improvement projects and priorities.



## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Communications Infrastructure			
<b>Department</b> Information Technology Services		<b>Expected Life</b>	
<b>Category</b> Miscellaneous		<b>Funding Schedule</b> Program Year 2: \$610,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$610,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$350,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$260,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

This project represents the continued investment in the organization's communications infrastructure supporting voice and data communication for Town departments and the public schools. The maintenance of the infrastructure requires annual investments to replace obsolete hardware and software, and enhancements are required to maintain the performance of the infrastructure to support the continued and expanded utilization of voice and data communications. This project also finances investments in hardware and software for all Town departments.

The communications infrastructure supports applications that utilize voice and data communications to improve organizational performance. Improved performance is the result of extending access to information throughout the organization, making employees independent in accessing resources to solve problems and provide customer service. The communications infrastructure supports applications that provide customers direct access to electronic services, eliminating their dependencies on employees to receive customer service. Continued investment is required to maintain the infrastructure to support new applications and increased utilization, while maintaining the security integrity of the infrastructure.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Document Digitization Project			
<b>Department</b> Information Technology Services		<b>Expected Life</b> 50+ Years	
<b>Category</b> Miscellaneous		<b>Funding Schedule</b> Program Year 2 : \$250,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> \$250,000	
<b>Project Duration</b> Year 2 of 4		<b>Total Cost:</b> \$500,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$250,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

Information Technology plans to create as close to a paperless work environment as possible for the Town and Board of Education. For example, the Community Development Department (Building, Engineering, and Planning & Zoning Divisions) currently requires paper submissions for most of its license and permit applications. The general office workspaces in this Department are overwhelmed by paper document storage. There are a total of 110 standing file cabinets, 30 flat file cabinets for large plans, 3 plan racks for temporary storage of large plans. In addition, there are more documents stored in the Building and Engineering Division vaults, which are located in Town Hall outside of the work areas.

The ongoing CityView license and permit upgrade will allow electronic document submissions. This will stop the need to store paper documents, but leave the many file cabinets, boxes, racks, and piles of paper documents. These documents should be scanned and stored electronically. Once completed, the office will be free of these documents, which will create office space that can be repurposed.

The Information Technology (IT) Department will work with Community Development and other Departments to ensure on premise or a cloud storage solution will be available as the main document repository. The IT department will ensure the documents are searchable and categorized so they can be easily retrieved.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Time & Attendance System			
<b>Department</b> Financial Services/Public Works		<b>Expected Life</b>	
<b>Category</b> Miscellaneous		<b>Funding Schedule</b> Program Year 2: \$250,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Non Recurring		<b>Total Cost:</b> \$250,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$250,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$

### Description & Justification

The capture of Town personnel hours worked, PTO, sick time, and compensation are done manually using paper time sheets. The outdated process requires tracking down missing time sheets and verifying paper content due to handwriting challenges. This paper information is then entered manually into the Munis payroll system utilizing valuable time of department staff.

This Capital Improvement Program provides the funding necessary to implement time and attendance software. As part of the Town's continued goals to reduce technology infrastructure costs, improvement process and increase overall organizational effectiveness, the Financial Services and Public Works departments will put into operation time and attendance software. A time and attendance solution will provide improved accuracy of pay, manage time off requests, track expenses, automate and track time keeping and simplify scheduling.

Automated time tracking software will efficiently track, manage and control employee time and attendance while reducing costs. The software will nicely align with the recently implemented Munis Financial and Munis Human Capital Management system. This allocation will be used for implementation of a time & attendance system, which will meet the Public Works & Town departments scheduling and time tracking needs.

## Town of West Hartford Capital Improvement Program

Project Title			
Public Works Rolling Stock			
Department Public Works		Expected Life 15- 20 years	
Category Rolling Stock		Funding Schedule Program Year 2: \$600,000	
Fiscal Year 2024-2025		Prior Year(s): -	
Project Duration Recurring		Total Cost: \$600,000	
Ongoing Operational Costs		Funding Source(s)	
Personnel Services	\$	BONDS	\$600,000
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The Department of Public Works utilizes a variety of rolling stock to perform a diverse array of community maintenance services. Equipment in good repair is critical to the productive use of the Department's resources. The Town has developed a multi-year plan to replace rolling stock based upon the condition of existing inventory and expected useful life. Timely replacement of rolling stock contributes to the efficiency and effectiveness of community maintenance services provided by the staff of the Department of Public Works.

Updating the Town's fleet relieves regulatory pressure to meet pollution and fuel economy standards. Replacing needed equipment enhances the public image when vehicles and equipment are in good repair. Safe, reliable equipment which provides necessary functionality also improves relations with employees. Improved engineering and technological advances in updated equipment provides better management of resources. Onboard electronics systems and telematics enable better monitoring of daily operations and performance and provides the ability to manage application rates such as salt application rates. It also improves the ability to monitor and schedule preventative maintenance activities, and helps with workforce productivity.

Using a Diesel Emissions Reduction Act grant and CIP funding.

<b>Town of West Hartford Capital Improvement Program</b>			
<b>Project Title</b> Town Vehicles			
<b>Department</b> Public Works		<b>Expected Life</b>	
<b>Category</b> Miscellaneous Equipment		<b>Funding Schedule</b> Program Year 2: \$160,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$160,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$160,000
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>Rolling Stock and Miscellaneous Equipment in good condition is critical to the safety and productivity of Public Works. Public Works has developed a multi-year plan to replace these items based upon the condition of existing inventory and expected useful life. Timely replacement of Rolling Stock/Miscellaneous Equipment contributes to the efficiency and effectiveness of the department. Funding for the replacement of Rolling Stock and Miscellaneous equipment totals \$160,000 from the CNRE Fund.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> MadVac Compact Litter Vacuum			
<b>Department</b> Public Works		<b>Expected Life</b> 10 Years	
<b>Category</b> Rolling Stock / Miscellaneous Equipment		<b>Funding Schedule</b> Program Year 2: \$226,500	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> \$0	
<b>Project Duration</b> Non Recurring		<b>Total Cost:</b> \$226,500	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$226,500
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The town center, Trout Brook Trail and local parks are a destination for residents as well as surrounding communities. There are expectations these areas will be kept clean and welcoming. Keeping these high visibility areas fresh is a challenge, and the use of large sweepers is not physically possible. The alternative is the use of large amounts of manpower which is inefficient and not practical.

The utilization of an Electric Vehicle (EV) based mid-size sweeper / vacuum designed specifically for tight streets, paved trails, and parking lots provides the ability to consistently clean high visibility areas while enhancing constituents' impression of West Hartford. Being EV based it helps meet the Town's goals of reduced carbon emissions and significantly lowers noise output. More importantly, it lowers labor costs by reducing man-hours associated with center and trail cleaning, and allows those hours to be redirected to activities they were intended to address.

This project funds the purchase of one (1) multi-functional EV based mid-size street sweeper with all attachments at a cost of \$226,500.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Fire Miscellaneous Equipment			
<b>Department</b>		<b>Expected Life</b>	
Fire Department			
<b>Category</b>		<b>Funding Schedule</b>	
Rolling Stock / Miscellaneous Equipment		Program Year 2:        \$225,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$225,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$225,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

Miscellaneous Equipment in good condition is critical to the safety and productivity of Town departments. The Town has developed a multi-year plan to replace these items based upon the condition of existing inventory and expected useful life. Timely replacement of Miscellaneous Equipment contributes to the efficiency and effectiveness of a Town department.

The Fire Department is requesting to purchase a gear washer and dryer, electrocardiogram machine (ECG), Rescue Tool, Lucas chest compression device, SCBA Packs and bottles, “Bail-out” kits, Thermal imaging cameras for staff, Replacement Ladder Belts and one capital EMS item per year (video laryngoscope, IV pump, AED, etc.).

The Department is always looking to maintain and improve the safety and cancer-reduction of their members. Cancer rates are increasing, and there is an urgent need for the department to provide equipment to combat these rates. Safety needs change, but are constantly present, and annual funding will be effective in immediately addressing issues.

<b>Town of West Hartford Capital Improvement Program</b>			
<b>Project Title</b> Fire Support Fleet			
<b>Department</b> Fire		<b>Expected Life</b>	
<b>Category</b> Rolling Stock\Miscellaneous Equipment		<b>Funding Schedule</b> Program Year 2: \$165,000	
<b>Fiscal Year</b> 2024-2025		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$165,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$165,000
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$
<b>Description &amp; Justification</b> Four (4) light vehicles per year to support a replacement cycle for Fire Department.			



## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Public Works Miscellaneous Equipment			
<b>Department</b>		<b>Expected Life</b>	
Public Works		10 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Rolling Stock / Miscellaneous Equipment		Program Year 2: \$28,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2024-2025		\$0	
<b>Project Duration</b>		<b>Total Cost:</b>	
Non Recurring		\$28,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$28,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

West Hartford contains over 9,000 street, facility, and safety signs. These signs require regular inspection to insure they meet required reflective requirements. When they do need replacement, the Public Works Traffic Safety department must create new signs, which are up to current highway traffic safety standards, in a timely manner. Currently, the sign shop generates signs using high tech printers, yet cuts the signs out on a 15-year-old homemade cutting table using basic razor blades. This process slows sign generation as well as increases the potential for personal injury.

The creation of signs, new or replacement, is critical to businesses, resident, and emergency first responders. Generating signs in a timely, accurate, and efficient manner is a cornerstone to the sign shop. This project provides for the purchase of one (1) plotter cutting table to automate the cutting of signs generated by printers, while removing the use of laser blades and reducing potential personal injury. The timely implementation of this equipment will assure increased efficiency and greater accuracy of output.

This project funds the purchase of one (1) Sign Ship Plotter Cutting Table with a cost of \$28,000.

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**TOWN COUNCIL ADOPTED CIP BUDGET**  
**CAPITAL IMPROVEMENTS BY PROJECTS AND FUNDING SOURCES**  
**PROGRAM YEAR 3 - FISCAL YEAR 2025-2026**  
**(\$ IN THOUSANDS)**

	<u>BONDS</u>	<u>CNRE</u>	<u>GRANTS</u>	<u>OTHER</u>	<u>TOTAL</u>
<b><u>TRANSPORTATION &amp; CIRCULATION</u></b>					
Pedestrian & Bicycle Management	711	-	-	-	711
Storm Water Management	755	-	-	-	755
Street Reconstruction	1,521	-	-	-	1,521
Street Resurfacing	2,518	-	431	-	2,949
Traffic System Management	400	103	-	-	503
Flood Mitigation Infrastructure Improvements	5,000	-	-	-	5,000
Infrastructure Improvement Project	<u>200</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>200</u>
Sub-Total	<b>11,105</b>	<b>103</b>	<b>431</b>	-	<b>11,639</b>
<b><u>EDUCATION</u></b>					
Asbestos Removal	200	-	100	-	300
Computer Infrastructure	-	400	-	-	400
Exterior School Building Improvements	1,430	-	770	-	2,200
Furniture & Equipment Replacement	-	200	-	-	200
Heating & Ventilation Systems	1,000	-	-	-	1,000
Interior School Building Improvements	1,560	-	390	-	1,950
Site and Athletic Field Improvements	550	-	-	-	550
Elementary School Air Quality	<u>4,432</u>	<u>-</u>	<u>1,108</u>	<u>-</u>	<u>5,540</u>
Sub-Total	<b>9,172</b>	<b>600</b>	<b>2,368</b>	-	<b>12,140</b>
<b><u>PARKS &amp; RECREATION</u></b>					
Outdoor Pool Improvements	-	70	-	-	70
Site work- Beachland House Renovation	1,500	-	-	-	1,500
Park & Playfield Improvements	450	-	-	-	450
Park & Playscape Management	-	125	-	-	125
Rockledge Improvements	<u>-</u>	<u>-</u>	<u>-</u>	<u>50</u>	<u>50</u>
Sub-Total	<b>1,950</b>	<b>195</b>	-	<b>50</b>	<b>2,195</b>
<b><u>TOWN BUILDING IMPROVEMENTS</u></b>					
Town Building Improvements	1,468	450	-	-	1,918
Heavy Equipment/Truck Storage Facility	6,000	-	-	-	6,000
Town Facilities Paving	150	-	-	-	150
Energy Conservation	-	100	-	-	100
Sander/Plow Storage Facility	<u>300</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>300</u>
Sub-Total	<b>7,918</b>	<b>550</b>	-	-	<b>8,468</b>
<b><u>GOVERNMENTAL OPERATIONS</u></b>					
Communications Infrastructure	350	387	-	-	737
Document Digitization Project	<u>250</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>250</u>
Sub-Total	<b>600</b>	<b>387</b>	-	-	<b>987</b>
<b><u>ROLLING STOCK/MISC EQUIPMENT</u></b>					
Public Works Rolling Stock	750	-	-	-	750
Town Vehicles	-	160	-	-	160
Fire Miscellaneous Equipment	-	165	-	-	165
Fire Support Fleet	<u>-</u>	<u>200</u>	<u>-</u>	<u>-</u>	<u>200</u>
Sub-Total	<b>750</b>	<b>525</b>	-	-	<b>1,275</b>
Program Year 3 - Grand Total	<b><u>31,495</u></b>	<b><u>2,360</u></b>	<b><u>2,799</u></b>	<b><u>50</u></b>	<b><u>36,704</u></b>

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## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Pedestrian and Bicycle Management			
<b>Department</b> Community Development		<b>Expected Life</b> 25 Years	
<b>Category</b> Transportation & Circulation		<b>Funding Schedule</b> Program Year 3: \$711,000	
<b>Fiscal Year</b> 2025-2026		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$711,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$711,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

This capital program addresses the needs of the pedestrians and bicyclists throughout the Town. The Town of West Hartford maintains an extensive system of 300 miles of sidewalks. These sidewalks provide a safety benefit to pedestrians in lieu of walking in the street. The sidewalk system also provides a neighborhood enhancement, and benefits school children, business patrons throughout town, and recreational users. The Engineering Division refers to the Town's Sidewalk Policy for consideration of adding sidewalk sections to eliminate sidewalk gaps in the Town's sidewalk network.

In addition to the sidewalk system, the Engineering Division will continue to design and construct on and off-street bicycling options across the Town. For on-street bicycling options, the Town intends to evaluate and appropriately sign and mark suitable roadways in accordance with the Town's Complete Streets Policy, especially the Bicycle Facility Plan.

With additional funding and multiple contractors, the Town reduced from over 2,000 to approximately 1,050 total sidewalk work order requests. We annually average 200 new work order requests and address 225 work orders.

## Town of West Hartford Capital Improvement Program

Project Title				Storm Water Management					
Department			Community Development			Expected Life		50 Years	
Category			Transportation & Circulation			Funding Schedule		Program Year 3: \$755,000	
Fiscal Year			2025-2026			Prior Year(s):		-	
Project Duration			Recurring			Total Cost:		\$755,000	
Ongoing Operational Costs					Funding Source(s)				
Personnel Services		\$			Bonds		\$755,000		
Contractual Services		\$			Grants		\$		
Non-personnel Services		\$			CNRE Fund		\$		
Other		\$			Special Revenue Fund		\$		

### Description & Justification

This capital program maintains the complex, Town-wide drainage system, which includes 13 bridges, 73 culverts, 7,600 drainage structures, and 175 miles of pipe.

Most of the Town's bridges and some of the Town's culverts are inspected every two years by the State of Connecticut, Department of Transportation. The Engineering Division performs periodic inspections of the remaining bridges and culverts.

Some inspections of the Town's storm pipes occur annually on an as-needed basis to investigate flooding, pavement failures, or in advance of a road repaving project. These annual video inspections cost approximately \$50,000. Inevitably, the pipe inspections lead to necessary pipe replacements, which average \$300,000 per year.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Street Reconstruction			
<b>Department</b>		<b>Expected Life</b>	
Community Development		30 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Transportation & Circulation		Program Year 3: \$1,521,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$1,521,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,521,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

This Capital Improvement Program (CIP) provides the funding necessary to address the reconstruction needs of any Town roadway in order to keep them operational for the public.

Street Reconstruction involves the following: coordination with utility companies to ensure underground facilities are not in need of repair or replacement; evaluation for complete street components; replacement of curb; replacement of failing concrete or paver sidewalk; replacement of concrete or asphalt driveway aprons; replacement of drainage structures; re-establishment of the roadway base material; roadway repaving; pavement markings; traffic signage; and traffic control services during construction.

Planned 2026 roadway reconstructions include: Oakwood Avenue (New Park Avenue to south end of roadway near Dexter Avenue) and Thomson Road.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Street Resurfacing			
<b>Department</b>		<b>Expected Life</b>	
Community Development		20 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Transportation & Circulation		Program Year 3: 2,949,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$2,949,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$2,518,000
Contractual Services	\$	Grants	\$431,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The Town strives to repave 10 or more miles of roadway each year, via this Capital Improvement Program. Due to the escalating cost of asphalt and current staffing levels, the Town has only been able to resurface an average of 6.8 miles over the past five years.

The streets selected for resurfacing are based on the annual pavement condition evaluation. Of the Town's 217 miles of roadway, 24 percent or 52 miles are in poor or extremely poor condition. Selections are also based on geographical considerations to balance the repaving throughout Town. The Street Resurfacing Program includes: milling to partially remove the existing pavement; sweeping the roadway clean; paving the roadway; and traffic control services during construction. In most cases, bituminous curbing and driveway aprons are also replaced. Also, \$50,000 from this program is used for pavement crack sealing on roadways that were repaved approximately five years prior. The Town also coordinates all work with the utility companies.

The Public Works Department and the Town's drainage contractor replace catch basins in conjunction with the street resurfacing program. On average, 240 catch basins are replaced every year at a cost of approximately \$360,000.



## Town of West Hartford Capital Improvement Program

Project Title			
Traffic System Management			
Department		Expected Life	
Community Development		30 Years Infrastructure 5 Years Pavement Markings	
Category		Funding Schedule	
Transportation & Circulation		Program Year 3: \$503,000	
Fiscal Year			
2025-2026		Prior Year(s): -	
Project Duration			
Recurring		Total Cost: \$503,000	
Ongoing Operational Costs		Funding Source(s)	
Personnel Services	\$	Bonds	\$400,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$103,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

This Capital Improvement Program addresses the improvement or replacement of the Town's 62 traffic signals, 1,200 traffic control signs, 30 miles of pavement markings, two miles of guiderail, and the Town's street lighting system. Proper operating maintenance of these traffic control devices greatly improves safety to the mobile public. This Program provides funding to install traffic calming measures and intersection traffic safety improvements.

Of the Town's 62 traffic signals, five remain that are approaching the end of their useful life at 25 years or older. The goal of this program is to replace one traffic signal every other year, make necessary traffic signal improvements such as pedestrian signal upgrades to add exclusive pedestrian signal phases and/or accessible pedestrian signal equipment, and to replace all necessary pavement markings affected by the repaving program and replenish others throughout Town. Guiderail, traffic signage, and street lighting are replaced as necessary.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Flood Mitigation Infrastructure Improvements			
<b>Department</b>		<b>Expected Life</b>	
Community Development		50 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Transportation & Circulation		Program Year 3: \$5,000,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		7,000,000	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$12,000,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$5,000,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$

### Description & Justification

Due to repetitive street and property flooding, three drainage studies were completed to evaluate and recommend improvements to the Town's street drainage system to reduce the frequency and impact from flooding after heavy rain events. These studies covered approximately 10 percent of the Town's street drainage system in the center of the Town spreading from Mohawk Drive (North), Farmington Avenue (South), Walbridge Road (East), and Pleasant Street (West).

Several areas within these studies were identified as in need of larger storm pipes, storm pipe extensions, and drainage connections from private properties to the Town's storm drainage system.

Funding in this program year is for the construction of the third year of a multi-year program to improve the Town's storm drainage infrastructure to mitigate flooding impacts. The Engineering Division is seeking grants to fund the construction of these improvements.

<b>Town of West Hartford Capital Improvement Program</b>			
<b>Project Title</b> Infrastructure Improvement Project			
<b>Department</b> Community Development		<b>Expected Life</b> 20 Years	
<b>Category</b> General		<b>Funding Schedule</b> Program Year 3: \$200,000	
<b>Fiscal Year</b> 2025-2026		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$200,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$200,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$
<b>Description &amp; Justification</b> This program funds the replacement of public infrastructure that involves multiple departments. Examples of infrastructure eligible for this program include, but are not limited to: Trout Brook Trail, Town parking lots, Webster Walk area, and Memorial and Isham parking garage.			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Asbestos Removal			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 3:       \$300,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$300,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$200,000
Contractual Services	\$	Grants	\$100,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

Asbestos Containing Material (ACM) has been found throughout the district in locations documented in the Board of Education's Asbestos Management Plan. The annual appropriation is used to support many other recurring projects, such as boiler replacement. Ideally, the removal precedes the designated recurring construction activity. These funds pay for asbestos removal project specifications, diagrams, hygienists, actual removals, testing results, and final reports.

Inert asbestos containing material can be encapsulated rather than removed. Construction and/or renovation activities, however, often make inert materials friable and removal provides for safer, more predictable working conditions. Additionally, when asbestos containing materials are encountered on a work site, all activities must cease until the removal of the asbestos has been completed. Therefore, we are better able to project construction/renovation schedules and cost with the asbestos removed in advance.

Funding is allocated toward the removal of asbestos identified during renovations, flooring replacements, and heating improvements.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Computer Infrastructure			
<b>Department</b>		<b>Expected Life</b>	
Public Schools		3-5 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 3:       \$400,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$400,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$400,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

All West Hartford Public Schools are connected to a fiber-optic metropolitan area network (MAN). The internal connections at each school consists of layer 2 switches and layer 3 routers to bring the network and internet resources to all offices and classrooms. Servers, switches, telecommunications equipment and other appliances will require proactive replacement to improve mean time between failures and reduce mean time to recovery. Additionally, these funds are used to annually replace the oldest computers in the district for newer models capable of meeting the demands of current administrative and educational software. These funds, combined with funding in the operating budget, constitute our technology investment in the schools.

The ongoing investment in educational and administrative computing is a critical element in providing what has become basic functionality in today's technology reliant education environment.

This program supports the computer fleet at all 16 public schools and administrative offices. In order to stay current with software requirements and phase out the oldest hardware that is past its usable life and out of warranty coverage, maintenance of an annual technology refresh schedule of 1,500 devices on average is required. This program ensures a reliable device fleet that is able to support computer based testing mandates.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Exterior School Building Improvements			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 3:      \$2,200,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$2,200,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,430,000
Contractual Services	\$	Grants	\$770,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

With 16 buildings of varying age, exterior school improvements are an annual requirement. Exterior school improvements may include roofing, masonry, window upgrades and exterior door replacement, as well as other structural improvements. Re-roofing includes removal of existing materials and in many cases, insulating with thicker, denser materials to provide for increased energy conservation. It also includes the installation of necessary flashings, counter flashings, drainage improvements and related masonry repairs. A systematic re-roofing program addresses the fact that building materials decay, while it ensures the useful life of the building and protects a significant capital asset. Masonry includes restoration and re-pointing of building facades. Window upgrades replace single pane windows with energy efficient window systems.

The desirability of maintaining roofs in a good state of repair represents a prudent approach to building maintenance. Deterioration of roofing surfaces and exterior building envelopes, left unchanged, exposes buildings to water damage and long-term structural damage.

This year's appropriation will be dedicated for roof replacement at Bugbee.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Furniture and Equipment Replacement			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 3: \$200,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$200,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$200,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

The Furniture and Equipment Replacement program provides for the periodic replacement of furniture and equipment district-wide as the inventory becomes worn out, unable to be repaired, or unsafe. There are five categories of items included in this replacement program.

**Classrooms and Laboratories**— There are approximately 617 classrooms in the 16 schools that comprise the district. Classroom and laboratory furniture have a life span of approximately 20 years. This category of furniture includes student desks and chairs, teacher desks and chairs, laboratory tables and chairs. These items have been standardized throughout the district to streamline maintenance and repairs and so that items may be transferred between schools as needed. Adjustable desks are specified for the elementary schools so that furniture can be transferred to different grade levels within an elementary school.

**Administrative** – Each of the 16 schools have main offices along with support staff operations that have furniture requirements including desks, chairs, tables, filing cabinets, and permanent dividing walls. Office furniture has a typical life span of 20 years.

**Cafeteria** – Each of the 16 schools has a cafeteria that requires tables and chairs for students. In many instances, these spaces are also used for additional classroom space, assemblies and meetings. These items have been standardized throughout the district to streamline maintenance and repairs and so that items may be transferred between schools. Cafeteria furniture has a typical life span of 15 years.

**Equipment** – Items in this category include appliances and folding dividing walls. Appliances have a life span of between 10 and 15 years and dividing walls have a typical life span of approximately 30 years.

**Lockers** – Element of the school building design which is subject to excessive wear and tear as generations of students make use of these temporary storage receptacles. Because certain lockers cannot be repaired further, there is a need for lockers district-wide for the next several years. New lockers are specified to be wider and deeper than existing ones, and they are usually specified to have a more limited number of moving components, thereby limiting our future repairs and maintenance.

Furniture has a limited useful life. Much of the Town's inventory has been pushed well beyond that life span. As many older pieces become obsolete, the Town can no longer obtain repair parts. Finally, as educational methods change, furniture needs change.

This funding will go toward the replacement of furniture, equipment, and lockers throughout the system.

## Town of West Hartford Capital Improvement Program

Project Title				Heating and Ventilation Systems			
Department			Public Schools	Expected Life			
Category			Education	Funding Schedule			
				Program Year 3:	\$1,000,000		
Fiscal Year			2025-2026	Prior Year(s):			
				-			
Project Duration			Recurring	Total Cost:			
				\$1,000,000			
Ongoing Operational Costs				Funding Source(s)			
Personnel Services		\$		Bonds		\$1,000,000	
Contractual Services		\$		Grants		\$	
Non-personnel Services		\$		CNRE Fund		\$	
Other		\$		Special Revenue Fund		\$	

### Description & Justification

This program provides for the replacement of existing boilers and upgrades to existing HVAC systems some of which have performed well beyond their useful life. Replacement boilers are typically more energy efficient and include a greater amount of programmable auxiliary controls. Reconfigured piping is often necessary. New temperature-controlled gas burners are included, as are requisite improvements to the gas piping. Associated breeching, dampers and needed chimney repairs are included.

Good preventive maintenance practice dictates that major building components be repaired or replaced, if necessary, before problems arise. Few components of a building are as essential as a dependable boiler. Boiler failures can cause major problems to the educational process as well as unanticipated major expenses during the middle of a fiscal year.

This funding will go toward the replacement of the air handler at Conard.



## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Interior School Building Improvements			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 3:     \$1,950,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$1,950,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,560,000
Contractual Services	\$	Grants	\$390,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

School building improvements consist of facility needs that are not specifically outlined as a separate capital project. These expenditures include replacement of fire alarm systems, handicap accessibility improvements, lighting system upgrades, HVAC control system replacements, and building and fire code related improvements.

The school system has 11 elementary schools, three middle schools, and two high schools that together comprise more than 1.75 million square feet of educational facilities. These facilities require regular investment to maintain their existing infrastructures and upgrade their systems. This appropriation continues the Town's reinvestment in its schools and commitment to maintain them in good condition.

Improvements this year will include replacement of the electrical switchgear at Sedgwick, flooring replacement and painting at King Philip and Duffy, restroom renovations at Bugbee, and exterior door replacement at Conard.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Site and Athletic Field Improvements			
<b>Department</b>		<b>Expected Life</b>	
Public Schools			
<b>Category</b>		<b>Funding Schedule</b>	
Education		Program Year 3:       \$550,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$550,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$550,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The school fields and site infrastructure have experienced significant wear and tear. Most of these facilities were originally constructed more than fifty years ago. Funding is used to upgrade facilities to ensure their continued usefulness.

West Hartford's athletic fields have been intensively used to a point where facilities have become inadequate or are beginning to show signs of deterioration. Much of the site infrastructure is also in need of replacement. The purpose of these improvements is to provide safe playing and pedestrian conditions. A long-term athletic field and site infrastructure improvements program is needed to prevent further deterioration and to preserve these important community resources.

The funding will go toward improvements at Duffy.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Elementary School Air Quality Improvements			
<b>Department</b> Public Schools		<b>Expected Life</b>	
<b>Category</b> Education		<b>Funding Schedule</b> Program Year 3: \$5,540,000	
<b>Fiscal Year</b> 2025-2026		Prior Year(s): 13,255,000	
<b>Project Duration</b> Program Enhancement – Year 4 of 15		Total Cost: \$18,795,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$4,432,000
Contractual Services	\$	Grants	\$1,108,000
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The majority of our elementary schools were built prior to 1964 and lack modern fresh air ventilation, air conditioning, and have their original single-pane glass window systems. The single-pane glass window systems were intended by design to leak air as a means of providing fresh air. Modern building standards require fresh air to be provided via mechanical air handlers in which outside air is brought in, filtered to remove contaminants, and mixed with existing air with a certain percentage being expelled to the outside and the remaining air being recirculated into the building based upon carbon dioxide levels. Many studies have shown that proper fresh air and comfort is a substantial benefit to student success in a learning environment.

Two of our elementary schools have building-wide fresh air and air conditioning systems (Charter Oak International Academy and Smith), two elementary schools have building-wide fresh air systems with limited air conditioning (Braeburn and Wolcott), and the remaining seven elementary schools have limited fresh air and air conditioning along with single-pane window systems. In the 1970s, many of the single-pane window systems were in-filled with sheetrock and insulation in order to help save energy. While this action did save on energy costs, it reduced the number of operable windows in the building, reduced the amount of fresh air entering the building, and also reduced the amount of natural light.

As part of the school reopening process necessitated by the COVID-19 pandemic, a retro-commissioning project was conducted by a mechanical engineering consultant to assess and recommend repairs and/or adjustments to our existing HVAC systems in all 16 schools to increase fresh air ventilations and improve air filtration levels where feasible. This project has provided the district with a solid starting point to evaluate and make improvements to improve fresh air quality in the schools.

This program enhancement provides funding over a 15-year period to make improvements at the nine elementary schools that lack modern fresh air, air conditioning, and modern window systems. This funding is for the first year of the project for Bugbee.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Outdoor Pool Improvements			
<b>Department</b>		<b>Expected Life</b>	
Leisure Services & Social Services		10 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Parks & Recreation		Program Year 3:                 \$70,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$70,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$70,000
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>The money for this project will be used to repair filtration systems, underground pipes, and concrete decks where necessary. This is an ongoing program to address facility issues within our neighborhood pools.</p> <p>This project will allow for improvements at the Town's five outdoor pools and four spray decks. Funding under this program will assist the department in maintaining visitor safety as well as upgrading the appearance of the outdoor pools by completing minor projects not addressed through the operating budget.</p> <p>The outdoor pool season is a summer program of limited duration. This program will allow the Town to minimize downtime at the outdoor pools, thus assuring the community has use of their pools during the summer months.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Sitework - Beachland House Renovations			
<b>Department</b> Leisure Services & Social Services		<b>Expected Life</b> 25-30 years	
<b>Category</b> Parks & Recreation		<b>Funding Schedule</b> Program Year 3: \$1,500,000	
<b>Fiscal Year</b> 2025-2026		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Non-Recurring		<b>Total Cost:</b> \$1,500,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,500,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The Beachland House was donated by the Beach family to the Town in 1932, and was originally used as a creamery to support dairy business on the site of the Vine Hill Farm. Vine Hill Farm, owned by Charles M. Beach, became well known for its milk business. High grade cows produced high grade milk. His son, Charles E. Beach, along with Charles' long-time farm manager, Frank H. Stadtmueller, began to produce "clinical milk," that is, sanitized milk that could be bottled and transportable around the region. Mr. Stadtmueller championed progressive farming, and went on to become Connecticut's dairy and food commissioner.

The building's interior has been renovated a few times, most recently in 1967. A feasibility study is planned for FY24. The intent is to restore the exterior of the building to historical standards and renovate the interior space as a cultural event center. Additional funding sources would be sought in collaboration with the West Hartford Historical Society.

## Town of West Hartford Capital Improvement Program

Project Title				Park & Playfield Improvements			
Department			Expected Life				
Leisure Services & Social Services			25-30 years				
Category			Funding Schedule				
Parks & Recreation			Program Year 3:			\$450,000	
Fiscal Year			Prior Year(s):			-	
2025-2026							
Project Duration			Total Cost:			\$450,000	
Recurring							
Ongoing Operational Costs			Funding Source(s)				
Personnel Services	\$		Bonds		\$450,000		
Contractual Services	\$		CNRE Fund		\$		
Non-personnel Services	\$		Grants		\$		
Other	\$		Special Revenue Fund		\$		

### Description & Justification

West Hartford's parks and athletic fields are intensively used by youth leagues, some to a point where facilities have become inadequate or are beginning to show signs of deterioration. The purpose of park and playfield improvements is to provide safe playing conditions so that interscholastic and youth league injuries can be minimized. The program also covers tennis and basketball courts in parks.

Post tension concrete projects have been implemented in several public parks to date. Investment in this technology saves on long-term upkeep costs. This year, attention will be focused on the installation of post tension courts at the Beachland Park basketball courts.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Park & Playscape Management			
<b>Department</b>		<b>Expected Life</b>	
Leisure Services & Social Services		10-15 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Parks & Recreation		Program Year 3:      \$125,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025 -2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$125,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$125,000
Non-personnel Services	\$	Grants	\$
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>Funds for this project will be used to repair and/or replace existing playscapes and playground equipment at Town parks. This is a recurring program to address facility improvements. The ongoing maintenance of existing equipment will provide for accessible playgrounds, improve safety, and better serve the needs of neighborhoods.</p> <p>This year's appropriation will fund the replacement of various fencing replacements and ongoing maintenance repairs of park playground structures and equipment.</p>			

<b>Town of West Hartford Capital Improvement Program</b>			
<b>Project Title</b>		Rockledge Improvements	
<b>Department</b> Leisure Services & Social Services		<b>Expected Life</b>	
<b>Category</b> Parks & Recreation		<b>Funding Schedule</b> Program Year 3: \$50,000	
<b>Fiscal Year</b> 2025-2026		Prior Year(s): -	
<b>Project Duration</b> Recurring		Total Cost: \$50,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$50,000
<b>Description &amp; Justification</b> This project will address the renovation of greens or other golf course upgrades at Rockledge Golf Club based upon condition and need, and address equipment needs. It will be funded via the capital projects user fee included in the rates at Rockledge.			



## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Town Building Improvements			
<b>Department</b>		<b>Expected Life</b>	
Facilities Services			
<b>Category</b>		<b>Funding Schedule</b>	
Building Improvements		Program Year 3:     \$1,918,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$1,918,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$1,468,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$450,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

Town building improvements are facility needs not addressed under other capital projects and include the categories of heating, ventilation and cooling (HVAC) systems, roofing and masonry, interior finishes, fixtures and furnishings, and code compliance. This program allows for improvements to the Town's municipal buildings, such as completing minor projects and replacing equipment and building amenities, and to maintain and upgrade the systems and appearance of the buildings.

**Heating, Ventilation and Cooling (HVAC) Systems** - HVAC systems provide heating, cooling and air circulation to users of buildings. Air temperature and indoor air quality are important issues to building occupants in regard to their personal comfort and health. The periodic replacement of boilers, furnaces, chillers, cooling towers, air handlers, and ventilation systems is required as these systems wear out and/or become obsolete. New HVAC systems also provide the Town an opportunity to install more energy efficient equipment and to install modern direct digital controls, which provide greater control and will lower operating costs.

**Roofing and Masonry** - Proper maintenance of the exterior building shell is required to prevent water and air penetration into the building. Water damage can cause significant damage to a building and potential health hazards to building occupants. Air penetration causes heating and cooling losses and interferes with the proper operation of HVAC equipment and can lead to excessive wear and tear of the equipment and higher operating costs. Building roofs have a life span of approximately 20 to 25 years.

**Interior Finishes, Fixtures and Furnishings** - Interior finishes include wall, floor and ceiling surfaces; fixtures include restroom toilets, sinks, partitions, and kitchen sinks; furnishings include appliances such as stoves, ovens, refrigerators, and water fountains, benches and other miscellaneous items that are permanently installed in buildings.

**Code Compliance** - Code compliance includes fire and life safety, handicap accessibility, elevator and public health codes in Town buildings. Codes periodically change, or if it is discovered that we are not in compliance with the code, we must make repairs, enhance systems, or modify buildings to meet the requirements of the code.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Heavy Equipment/Truck Storage Facility			
<b>Department</b>		<b>Expected Life</b>	
Public Works		30 Years	
<b>Category</b>		<b>Funding Schedule</b>	
Building Improvement		Program Year 3: \$6,000,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		\$200,000	
<b>Project Duration</b>		<b>Total Cost:</b>	
2 of 2 Years		\$6,200,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$6,000,000
Contractual Services	\$	CNRE Fund	\$
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$
<b>Description &amp; Justification</b>			
<p>The Public Works facility located on Brixton Street supports the Town's infrastructure and facility maintenance operations. The Brixton Street location is responsible for housing all Street, Fleet, Traffic Safety, Grounds, BOE Grounds, Town Plant &amp; Facility, and BOE Facility maintenance operations and their supporting employees. The current storage facility at this location is inadequate to support the core operational needs of Public Works. The current facility is undersized and non-conforming with today's safety and operational effectiveness standards. This was exacerbated when the Town's Grounds, Facility, BOE Grounds, and BOE Facility maintenance operations and employees were relocated to the Public Works location over the last 10 years. The site is currently working to develop a master plan to best support its operational needs.</p>			
<p>The existing storage facility, designed and built in 1998, is inadequate to support the volume, storage, and operational maintenance for critically valued trucks, construction equipment, and collateral equipment. The current building design limits operational effectiveness and presents serious OSHA challenges with the mobilization of the units that use the facility. Access to collateral equipment and high-valued materials is challenging and limited. Supporting operational equipment and vehicles have evolved considerably over the last two decades, and the Public Works facility has grown in operational utilization by other departments as they have relocated here over the last 10 years. The facilities can no longer adequately support the demand for space, size and configuration of the units intended to be stored. This leaves valuable vehicles and equipment exposed to weather and other environmental conditions, creating a negative impact on operational readiness and life expectancy of equipment.</p>			
<p>A new and repositioned storage facility will improve day-to-day maintenance and control of valued equipment and vehicles. The facility will support the storage of seasonal equipment such as plows and material-spreading apparatus, secure and environmentally-controlled storage, plus improve storage for smaller yet vital equipment and tools such as portable saw, compressors, and support units. Most importantly, a revised facility will improve the effectiveness and efficiency of the site while maintaining regulatory safety requirements for all employees performing day-to-day operations.</p>			
<p>The requested funding will support hiring professional services for design, feasibility analysis, and project specifications for a construction project.</p>			

<b>Town of West Hartford Capital Improvement Program</b>			
<b>Project Title</b> Town Facilities Paving			
<b>Department</b> Facilities Services		<b>Expected Life</b>	
<b>Category</b> Building Improvements		<b>Funding Schedule</b> Program Year 3: \$150,000	
<b>Fiscal Year</b> 2025-2026		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$150,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$150,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$
<b>Description &amp; Justification</b> This project will repair and repave parking lots at Town facilities that are deemed in poor condition. The goal of the project is to improve safety and accessibility in the Town's parking lots.			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Energy Conservation			
<b>Department</b> Facilities Services		<b>Expected Life</b>	
<b>Category</b> Building Improvements		<b>Funding Schedule</b> Program Year 3: \$100,000	
<b>Fiscal Year</b> 2025-2026		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$100,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$100,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

This project will fund energy conservation improvements to Town and school buildings as part of the Town's overall energy management strategy. Each year, capital improvements will be identified based upon recommendations of the Town's energy specialist that will reduce the consumption and cost of energy. Based upon a priority ranking and payback schedule, those improvements that will have the best return will be implemented. Improvements may include more efficient equipment, energy management control systems, financial incentive programs for improvements from the utility companies, implementing separate heating and cooling systems within buildings and taking advantage of new technologies.

Natural gas, electricity, and water costs are projected to increase for the foreseeable future. Investments need to be made that reduce the consumption of energy and water to manage energy costs. This dedicated project for energy conservation improvements establishes these investments as a priority rather than competing with other building improvement projects and priorities.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Sander / Plow Storage Facility			
<b>Department</b> Public Works		<b>Expected Life</b> 25 years	
<b>Category</b> Building Improvements		<b>Funding Schedule</b> Program Year 3: \$300,000	
<b>Fiscal Year</b> 2025-2026		<b>Prior Year(s):</b> \$0	
<b>Project Duration</b> Non-Recurring		<b>Total Cost:</b> \$300,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$300,000
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	OTHER	\$

### Description & Justification

The current sander and plow storage facility is dated, too small and presents a logistical challenge to Public Works facility modernization and utilization. The storage facility operationally is outdated and insufficiently sized to store all the winter snow related equipment (i.e., plows and slide-in sanders) forcing some equipment to be stored outside and exposed to weather deterioration. Additionally, it occupies the land area planned for the installation of a fuel farm servicing town vehicles and eliminating the dependence on retail fuel operators.

The relocation and modernization of the storage facility will provide two key deliverables. First, it provides the ability for all road snow operation equipment to be more easily removed and stored, and delivers protection from environmental exposure promoting longer life expectancy of equipment. Second, it allows the installation of the fueling facility in a centric location affording good logistics and easy access for both town vehicles as well as fuel suppliers.

This project funds the design and relocation of the sander / plow storage facility. Funding for this project is estimated to be \$300,000.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Communications Infrastructure			
<b>Department</b>		<b>Expected Life</b>	
Information Technology Services			
<b>Category</b>		<b>Funding Schedule</b>	
Miscellaneous		Program Year 3: \$737,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$737,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$350,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$387,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

This project represents the continued investment in the organization's communications infrastructure supporting voice and data communication for Town departments and the public schools. The maintenance of the infrastructure requires annual investments to replace obsolete hardware and software, and enhancements are required to maintain the performance of the infrastructure to support the continued and expanded utilization of voice and data communications. This project also finances investments in hardware and software for all Town departments.

The communications infrastructure supports applications that utilize voice and data communications to improve organizational performance. Improved performance is the result of extending access to information throughout the organization, making employees independent in accessing resources to solve problems and provide customer service. The communications infrastructure supports applications that provide customers direct access to electronic services, eliminating their dependencies on employees to receive customer service. Continued investment is required to maintain the infrastructure to support new applications and increased utilization, while maintaining the security integrity of the infrastructure.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Document Digitization Project			
<b>Department</b> Information Technology Services		<b>Expected Life</b> 50+ Years	
<b>Category</b> Miscellaneous		<b>Funding Schedule</b> Program Year 3 : \$250,000	
<b>Fiscal Year</b> 2025-2026		<b>Prior Year(s):</b> 500,000	
<b>Project Duration</b> Year 3 of 4		<b>Total Cost:</b> \$750,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	Bonds	\$250,000
Contractual Services	\$	Grants	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

Information Technology plans to create as close to a paperless work environment as possible for the Town and Board of Education. For example, the Community Development Department (Building, Engineering, and Planning & Zoning Divisions) currently requires paper submissions for most of its license and permit applications. The general office workspaces in this Department are overwhelmed by paper document storage. There are a total of 110 standing file cabinets, 30 flat file cabinets for large plans, 3 plan racks for temporary storage of large plans. In addition, there are more documents stored in the Building and Engineering Division vaults, which are located in Town Hall outside of the work areas.

The ongoing CityView license and permit upgrade will allow electronic document submissions. This will stop the need to store paper documents, but leave the many file cabinets, boxes, racks, and piles of paper documents. These documents should be scanned and stored electronically. Once completed, the office will be free of these documents, which will create office space that can be repurposed.

The Information Technology (IT) Department will work with Community Development and other departments to ensure on premise or a cloud storage solution will be available as the main document repository. The IT department will ensure the documents are searchable and categorized so they can be easily retrieved.

## Town of West Hartford Capital Improvement Program

<b>Project Title</b> Public Works Rolling Stock			
<b>Department</b> Public Works		<b>Expected Life</b> 15- 20 years	
<b>Category</b> Rolling Stock		<b>Funding Schedule</b> Program Year 3: \$750,000	
<b>Fiscal Year</b> 2025-2026		<b>Prior Year(s):</b> -	
<b>Project Duration</b> Recurring		<b>Total Cost:</b> \$750,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$750,000
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$
Other	\$	Special Revenue Fund	\$

### Description & Justification

The Department of Public Works utilizes a variety of rolling stock to perform a diverse array of community maintenance services. Equipment in good repair is critical to the productive use of the Department's resources. The Town has developed a multi-year plan to replace rolling stock based upon the condition of existing inventory and expected useful life. Timely replacement of rolling stock contributes to the efficiency and effectiveness of community maintenance services provided by the staff of the Department of Public Works.

Updating the Town's fleet relieves regulatory pressure to meet pollution and fuel economy standards. Replacing needed equipment enhances the public image when vehicles and equipment are in good repair. Safe, reliable equipment which provides necessary functionality also improves relations with employees. Improved engineering and technological advances in updated equipment provides better management of resources. Onboard electronics systems and telematics enable better monitoring of daily operations and performance and provides the ability to manage application rates such as salt application rates. It also improves the ability to monitor and schedule preventative maintenance activities, and helps with workforce productivity.

Using a Diesel Emissions Reduction Act grant and CIP funding.



## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Town Vehicles			
<b>Department</b>		<b>Expected Life</b>	
Public Works			
<b>Category</b>		<b>Funding Schedule</b>	
Miscellaneous Equipment		Program Year 3:       \$160,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$160,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$160,000
Other	\$	Special Revenue Fund	\$
<p><b>Description &amp; Justification</b></p> <p>Rolling Stock and Miscellaneous Equipment in good condition is critical to the safety and productivity of Public Works. Public Works has developed a multi-year plan to replace these items based upon the condition of existing inventory and expected useful life. Timely replacement of Rolling Stock/Miscellaneous Equipment contributes to the efficiency and effectiveness of the department. Funding for the replacement of Rolling Stock and Miscellaneous equipment totals \$160,000 from the CNRE Fund.</p>			

## Town of West Hartford Capital Improvement Program

<b>Project Title</b>			
Fire Miscellaneous Equipment			
<b>Department</b>		<b>Expected Life</b>	
Fire Department			
<b>Category</b>		<b>Funding Schedule</b>	
Rolling Stock / Miscellaneous Equipment		Program Year 3:        \$165,000	
<b>Fiscal Year</b>		<b>Prior Year(s):</b>	
2025-2026		-	
<b>Project Duration</b>		<b>Total Cost:</b>	
Recurring		\$165,000	
<b>Ongoing Operational Costs</b>		<b>Funding Source(s)</b>	
Personnel Services	\$	BONDS	\$
Contractual Services	\$	GRANTS	\$
Non-personnel Services	\$	CNRE Fund	\$165,000
Other	\$	Special Revenue Fund	\$

### Description & Justification

Miscellaneous Equipment in good condition is critical to the safety and productivity of Town departments. The Town has developed a multi-year plan to replace these items based upon the condition of existing inventory and expected useful life. Timely replacement of Miscellaneous Equipment contributes to the efficiency and effectiveness of a Town department.

The Fire Department is requesting to purchase a gear washer and dryer, electrocardiogram machine (ECG), Rescue Tool, Lucas chest compression device, SCBA Packs and bottles, “Bail-out” kits, Thermal imaging cameras for staff, Replacement Ladder Belts and one capital EMS item per year (video laryngoscope, IV pump, AED, etc).

The Department is always looking to maintain and improve the safety and cancer-reduction of their members. Cancer rates are increasing, and there is an urgent need for the department to provide equipment to combat these rates. Safety needs change, but are constantly present, and annual funding will be effective in immediately addressing issues.

Town of West Hartford Capital Improvement Program			
Project Title Fire Support Fleet			
Department Fire		Expected Life	
Category Rolling Stock\Miscellaneous Equipment		Funding Schedule Program Year 3: \$200,000	
Fiscal Year 2025-2026		Prior Year(s): -	
Project Duration Recurring		Total Cost: \$200,000	
Ongoing Operational Costs		Funding Source(s)	
Personnel Services	\$	Bonds	\$
Contractual Services	\$	CNRE Fund	\$200,000
Non-personnel Services	\$	Grants	\$
Other	\$	Other	\$
<b>Description &amp; Justification</b> Four (4) light vehicles per year to support a replacement cycle for Fire Administration, Operations (EMS vehicles), Fire Marshal's Office, Emergency Management, and the restricted duty program.			

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**TOWN COUNCIL ADOPTED CIP BUDGET**  
**CAPITAL IMPROVEMENTS BY CATEGORIES AND FUNDING SOURCES**  
**PROGRAM YEARS 4 THROUGH 6 - FISCAL YEARS 2027-2029**  
**(\$ IN THOUSANDS)**

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This section contains program years 4 through 6 of the Capital Improvement Program (CIP) presented aggregated rather than detailed for each fiscal year. Individual projects are not presented for each of the three fiscal years as the determination of priorities, economic viability of project costs are less certain in years 4 through 6 of the CIP budget. Highlighted in this section are Planning Categories and related forecasted project expenditures, anticipated funding sources, estimated duration and a preliminary description and justification overview for each project. The presentation of projects for the entire three-year period allows flexibility and review of project priorities in determining which projects emerge from the 4 through 6 year period to create the New Year 3 of the CIP for the ensuing fiscal year.

**PROGRAM YEARS 4 - 6**  
**PLANNING CATEGORY SUMMARY**

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	<u><b>FY 26-27</b></u>	<u><b>FY 27-28</b></u>	<u><b>FY 28-29</b></u>	<u><b>TOTAL</b></u>
Transportation & Circulation	11,620	12,012	11,997	35,629
Education	12,390	12,690	12,990	38,070
Parks & Recreation	1,070	995	910	2,975
Town Building Improvements	2,076	2,285	2,196	6,557
Governmental Operations	1,010	783	806	2,599
Rolling Stock\Miscellaneous Equipment	<u>1,310</u>	<u>2,020</u>	<u>1,470</u>	<u>4,800</u>
<b>TOTAL</b>	<b>29,476</b>	<b>30,785</b>	<b>30,369</b>	<b>90,630</b>

**PROGRAM YEARS 4 - 6**  
**FINANCING SOURCES SUMMARY**

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	<u><b>FY 26-27</b></u>	<u><b>FY 27-28</b></u>	<u><b>FY 28-29</b></u>	<u><b>TOTAL</b></u>
Bonds	24,146	25,079	24,743	73,968
CNRE Funds	2,486	2,607	2,672	7,765
Grants	2,844	2,899	2,954	8,697
Other	<u>-</u>	<u>200</u>	<u>-</u>	<u>200</u>
<b>TOTAL</b>	<b>29,476</b>	<b>30,785</b>	<b>30,369</b>	<b>90,630</b>

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**TOWN COUNCIL ADOPTED CIP BUDGET**  
**CAPITAL IMPROVEMENTS BY PROJECTS AND FUNDING SOURCES**  
**PROGRAM YEAR 4-6 - FISCAL YEAR 2027-2029**  
**(\$ IN THOUSANDS)**

	<u>BONDS</u>	<u>CNRE</u>	<u>GRANTS</u>	<u>OTHER</u>	<u>TOTAL</u>
<b><u>TRANSPORTATION &amp; CIRCULATION</u></b>					
Pedestrian & Bicycle Management	2,299	-	-	-	2,299
Storm Water Management	2,404	-	-	-	2,404
Street Reconstruction	3,906	-	-	-	3,906
Street Resurfacing	8,995	-	1,293	-	10,288
Traffic System Management	806	326	-	-	1,132
Flood Mitigation Infrastructure Improvements	15,000	-	-	-	15,000
Infrastructure Improvement Project	600	-	-	-	600
<b>Sub-Total</b>	<b>34,010</b>	<b>326</b>	<b>1,293</b>	<b>-</b>	<b>35,629</b>
<b><u>EDUCATION</u></b>					
Asbestos Removal	600	-	300	-	900
Computer Infrastructure	-	1,300	-	-	1,300
Exterior School Building Improvements	4,680	-	2,520	-	7,200
Furniture & Equipment Replacement	-	600	-	-	600
Heating & Ventilation Systems	3,400	-	-	-	3,400
Interior School Building Improvements	5,040	-	1,260	-	6,300
Site and Athletic Field Improvements	1,750	-	-	-	1,750
Elementary School Air Quality	13,296	-	3,324	-	16,620
<b>Sub-Total</b>	<b>28,766</b>	<b>1,900</b>	<b>7,404</b>	<b>-</b>	<b>38,070</b>
<b><u>PARKS &amp; RECREATION</u></b>					
Outdoor Pool Improvements	-	205	-	-	205
Veterans Rink Improvements	200	-	-	-	200
Park & Playfield Improvements	1,210	-	-	-	1,210
Playscape Replacements	525	-	-	-	525
Westmoor Park Improvements	-	-	-	150	150
Splash Pad Replacement	200	-	-	-	200
Park & Playscape Management	-	435	-	-	435
Rockledge Improvements	-	-	-	50	50
<b>Sub-Total</b>	<b>2,135</b>	<b>640</b>	<b>-</b>	<b>200</b>	<b>2,975</b>
<b><u>TOWN BUILDING IMPROVEMENTS</u></b>					
Town Building Improvements	4,457	1,650	-	-	6,107
Town Facilities Paving	150	-	-	-	150
Energy Conservation	-	300	-	-	300
<b>Sub-Total</b>	<b>4,607</b>	<b>1,950</b>	<b>-</b>	<b>-</b>	<b>6,557</b>
<b><u>GOVERNMENTAL OPERATIONS</u></b>					
Communications Infrastructure	1,100	1,249	-	-	2,349
Document Digitization Project	250	-	-	-	250
<b>Sub-Total</b>	<b>1,350</b>	<b>1,249</b>	<b>-</b>	<b>-</b>	<b>2,599</b>
<b><u>ROLLING STOCK/MISCELLANEOUS EQUIPMENT</u></b>					
Fire Apparatus	850	-	-	-	850
Public Works Rolling Stock	2,250	-	-	-	2,250
Town Vehicles	-	500	-	-	500
Fire Miscellaneous Equipment	-	600	-	-	600
Fire Support Fleet	-	600	-	-	600
<b>Sub-Total</b>	<b>3,100</b>	<b>1,700</b>	<b>-</b>	<b>-</b>	<b>4,800</b>
<b>Program Year 4-6 - Grand Total</b>	<b>73,968</b>	<b>7,765</b>	<b>8,697</b>	<b>200</b>	<b>90,630</b>

Transportation & Circulation  
Years 4-6 CIP Summary  
Fiscal Years 2027-2029  
(In Thousands)

**Pedestrian & Bicycle Management**

BONDS \$2,299

This program addresses the needs of the pedestrians and bicyclists throughout the Town. The Town of West Hartford maintains an extensive system of 300 miles of sidewalks. These sidewalks provide a safety benefit to pedestrians in lieu of walking in the street. The sidewalk system also provides a neighborhood enhancement and benefits school children, business patrons throughout town, and recreational users. The Engineering Division refers to the Town's Sidewalk Policy for consideration of adding sidewalk sections to eliminate sidewalk gaps in the Town's sidewalk network.

With additional funding and multiple contractors, the Town reduced from over 2,000 to approximately 1,050 total sidewalk work order requests. We annually average 200 new work order requests and address 225 work orders.

In addition to the sidewalk system, the Engineering Division will continue to design and construct on and off-street bicycling options across the Town, in accordance with the Town's Bicycle Facility Plan.

**Storm Water Management**

BONDS \$2,404

This program maintains the complex, Town-wide drainage system which includes 13 bridges, 73 culverts, 9,000 drainage structures, and 175 miles of storm drainage pipes.

**Street Reconstruction**

BONDS \$3,906

This program addresses the reconstruction needs of any Town roadway in order to keep them operational for the public. If a roadway's pavement deteriorates beyond moderate repair options, reconstruction is required. Similarly, major modifications to a roadway or intersection warrant reconstruction for traffic safety purposes or Complete Streets improvements.

**Infrastructure Improvement Project**

BONDS \$600

This program funds the maintenance of public infrastructure that involves multiple Departments. Examples of infrastructure eligible for this program include, but are not limited to: Trout Brook Trail, Town parking lots, Webster Walk area, and Memorial and Isham parking garage.



Transportation & Circulation  
Years 4-6 CIP Summary  
Fiscal Years 2027-2029  
(In Thousands)

**Street Resurfacing**

BONDS \$8,995  
GRANTS \$1,293  
\$10,288

Through this program, the Town strives to repave 10 or more miles of roadway each year. Due to the escalating cost of asphalt and current staffing levels, the Town has only been able to resurface an average of 8.5 miles over the past five years.

The Street Resurfacing Program includes: milling to partially remove the existing pavement, sweeping the roadway clean, and paving the roadway. In some cases, bituminous curbing and driveway aprons are also replaced. The Town also coordinates all work with the utility companies.

**Traffic System Management**

BONDS \$806  
CNRE \$326  
\$1,132

This program addresses the maintenance of the Town's 62 traffic signals, 1,200 traffic control signs, 30 miles of pavement markings, two miles of guiderail, and the Town's street lighting system. Proper maintenance of these traffic control devices greatly improves safety to the mobile public.

Of the Town's 62 traffic signals, five remain that are approaching the end of their useful life at 25 years or older. The goal of this program is to replace one traffic signal every other year, make necessary traffic signal improvements such as pedestrian signal upgrades to add exclusive pedestrian signal phases and/or accessible pedestrian signal equipment, and to replace all necessary pavement markings affected by the repaving program and replenish others throughout Town. Guiderail, signage, and street lighting are replaced as necessary.

**Flood Mitigation Infrastructure Improvements**

BONDS \$15,000

This program funds the construction of storm drainage improvements to reduce the impacts from street flooding in the center of the Town spreading from Mohawk Drive (North), Farmington Avenue (South), Walbridge Road (East), and Pleasant Street (West).

Drainage studies identified the need for larger storm pipes, storm pipe extensions, and drainage connections from private properties to the Town's storm drainage system.

This is a multi-year program starting in Fiscal Year 2023-2024 to improve the Town's storm drainage infrastructure to mitigate flooding impacts. The Engineering Division is seeking grants to fund the construction of these improvements.

Education  
Years 4-6 CIP Summary  
Fiscal Years 2027-2029  
(In Thousands)

**Asbestos Removal**

BONDS \$600  
GRANTS \$300  
\$900

Asbestos Containing Material (ACM) has been found throughout the district in locations documented in the Board of Education's Asbestos Management Plan. The annual appropriation is used in concert with many other recurring projects, such as boiler replacement. Ideally, the removal precedes the designated recurring construction activity. These funds pay for asbestos removal project specifications, diagrams, actual removals, testing results, and final reports. Inert asbestos containing material can be encapsulated rather than removed. Construction and/or renovation activities, however, often make inert materials friable, and removal provides for safer, more predictable working conditions. Additionally, when asbestos containing materials are encountered on a work site, all activities must cease until the removal of the asbestos has been completed. Therefore, we are better able to project construction/renovation schedules and cost with the asbestos removed in advance.

**Computer Infrastructure**

CNRE \$1,300

All West Hartford Public Schools are connected to a fiber-optic metropolitan area network (MAN). The internal connections at each school consist of layer 2 switches and layer 3 routers to bring the network and internet resources to all offices and classrooms. West Hartford Public Schools have completed a district-wide wireless project, which will require ongoing maintenance and support over time. Servers, switches, telecommunications equipment and other appliances will require proactive replacement to improve mean time between failures and reduce mean time to recovery. Additionally, these funds are used to annually replace the oldest computers in the district for newer models capable of meeting the demands of current administrative and educational software.

The investment in educational and administrative computing is a critical element in allowing West Hartford Public Schools to remain competitive with our neighboring communities. In order to provide students with the skills necessary after graduation, technology education begins early in the elementary schools and continues throughout the educational process, ending with specific technology-based graduation requirements for high school students. This funding creates and maintains the overall infrastructure which makes that possible.

Education  
Years 4-6 CIP Summary  
Fiscal Years 2027-2029  
(In Thousands)

**Exterior School Building Improvements**

BONDS	\$4,680
<u>GRANTS</u>	<u>\$2,520</u>
	\$7,200

With 16 buildings of varying age, exterior school improvements are an annual requirement. Exterior school improvements may include roofing, masonry, window upgrades and exterior door replacement, as well as other structural improvements. Re-roofing includes removal of existing materials, and in many cases, insulating with thicker, denser materials to provide for increased energy conservation. It also includes the installation of necessary flashings, counter flashings, drainage improvements, and related masonry repairs. A systematic re-roofing program addresses the fact that building materials decay, while it ensures the useful life of the building and protects a significant capital asset. Masonry includes restoration and re-pointing of building facades. Window upgrades replace single pane windows with energy efficient window systems.

**Furniture and Equipment Replacement**

CNRE \$600

The Furniture and Equipment Replacement program provides for the periodic replacement of furniture and equipment district-wide as inventory becomes worn out, unable to be repaired, or unsafe. There are five categories included in this replacement program: Classrooms and Laboratories, Administrative, Cafeteria, Equipment, and Lockers. Furniture and equipment have been standardized throughout the district to streamline maintenance and repairs and so that items may be transferred between schools as needed. The majority of furniture and equipment inventory has been pushed well beyond its life span and have only sporadically replaced furniture and equipment in the past few years. Much of the older furniture is not ergonomically correct for students, teachers, and staff who spend much of their time in sedentary positions often working on computers. There is a need to fund this program continuously in order to keep our furniture and equipment inventory current.

**Heating and Ventilation Systems**

BONDS \$3,400

This program provides for the replacement of existing boilers and ventilation systems, some of which have performed well beyond their useful lives. Replacement boilers are typically more energy efficient and include a greater amount of programmable auxiliary controls. New ventilation systems bring additional fresh air into the classrooms. Good preventive maintenance practice dictates that major building components be repaired or replaced, if necessary, before problems arise. Few components of a building are as essential as a dependable boiler. Boiler failures can cause major problems to the educational process as well as unanticipated major expenses during the middle of a fiscal year.

Education  
Years 4-6 CIP Summary  
Fiscal Years 2027-2029  
(In Thousands)

**Interior School Building Improvements**

BONDS	\$5,040
<u>GRANTS</u>	<u>\$1,260</u>
	\$6,300

School building improvements are facility needs that are not specifically outlined as a separate capital projects. These expenditures include replacement of fire alarm systems, handicap accessibility improvements, lighting system upgrades, HVAC control system replacements, and building and fire code related improvements. The school system has 11 elementary schools, three middle schools, and two high schools that together comprise more than 1.75 million square feet of facilities. These facilities require regular investment to maintain their existing infrastructures and upgrade their systems.

**Site and Athletic Field Improvements**

BONDS \$1,750

The school fields and site infrastructure have experienced significant wear and tear. Most of these facilities were originally constructed more than fifty years ago. Funding is used to upgrade facilities to ensure their continued usefulness.

West Hartford's athletic fields have been intensively used to a point where facilities have become inadequate or are beginning to show signs of deterioration. Much of the site infrastructure is also in need of replacement. The purpose of these improvements is to provide safe playing and pedestrian conditions. A long-term athletic field and site infrastructure improvements program is needed to prevent further deterioration and to preserve these important community resources.

**Elementary School Air Quality**

BONDS	\$13,296
<u>GRANTS</u>	<u>\$3,324</u>
	\$16,620

This program enhancement would provide funding over a 15-year period to make improvements at the nine elementary schools that lack modern fresh air, air conditioning and modern window systems.

Parks & Recreation  
Years 4-6 CIP Summary  
Fiscal Years 2027-2029  
(In Thousands)

**Outdoor Pool Improvements**

CNRE \$205

This ongoing program addresses facility issues within our neighborhood pools. This project will allow for improvements at the Town's five outdoor pools and four spray decks. Funds will primarily be used to repair filtration systems, underground pipes, and concrete decks where necessary.

Funding under this program will also assist the department in maintaining visitor safety as well as upgrading the appearance of the outdoor pools by completing minor projects not addressed through the operating budget. The outdoor pool season is a 10-week summer program. This program will allow us to minimize downtime at the outdoor pools, thus assuring the community has use of their pools during the summer months.

**Veterans Rink Improvements - Ice Resurfacing Vehicle**

BONDS \$200

A new electric powered Zamboni ice-resurfacing vehicle would replace an outdated model that will have reached its life expectancy. A new model would take advantage of updated technology, including high capacity batteries and more efficient hydraulic systems. The ice-resurfacing machine is used to clean and smooth the surface of a sheet of ice, and is integral to facility operations.

**Park & Playfield Improvements**

BONDS \$1,210

West Hartford's parks and athletic fields are intensively used to a point where facilities can become inadequate or begin to show signs of deterioration. A long-term athletic field improvements program, developed in conjunction with the Department of Public Works, identifies priorities to prevent further deterioration and to preserve these important community resources within Town parks. The purpose of this program is to make strategic improvements to prevent deterioration and provide safe playing conditions so that interscholastic and youth league injuries can be minimized. In addition, the number of youths participating in community youth leagues has increased over the years, which leads to more wear and tear on parks and fields.

The Town and the Board of Education work collaboratively on programs to expand, upgrade and improve West Hartford's athletic fields and hard courts. The intent is to prioritize major needs and attempt to address concerns as funding becomes available. Recommendations include reorganization or reconstruction of poor fields, installation of irrigation to support organic treatments, regrading and re-seeding of designated fields. Post tension concrete technology saves on long-term upkeep costs. In Years 4-6, the focus will be on Eisenhower Park's soccer field (year 4), Fernridge tennis courts (year 5) and Glover soccer complex (year 6).

The introduction of CMU dugouts will continue, with Eisenhower (year 4) and Kennedy (year 6).

Parks & Recreation  
Years 4-6 CIP Summary  
Fiscal Years 2027-2029  
(In Thousands)

**Playscape Replacements**

BONDS \$525

Playground and playscape equipment has a typical lifespan of 20 years. Most West Hartford parks offer playscapes for two age groups (ages 2-5 and 5-12). The 2-5 playscape at Fernridge Park is slated for replacement in FY27 and the 2-5 playscape is scheduled for FY29.

**Westmoor Park Improvements**

SPECIAL REVENUE \$150

Westmoor Park intends to install a small, 3-season outdoor restroom to replace portolets. The restroom would be used by park patrons, particularly when the Hunter House is closed to the public. Funds from the Westmoor Park Fund would cover the cost.

**Splash Pad Replacements – Wolcott Park**

BONDS \$200

Wolcott Park's splash pad was installed in 2002, and is scheduled to be replaced in FY27. During the park planning process, the community identified the splash pad as an important park amenity, since Wolcott Park does not have an outdoor pool.

**Park & Playscape Management**

CNRE \$435

Funds for this project will be used to repair and/or replace existing playscapes and playground equipment at Town parks. As various structures and equipment age, they require significant maintenance and repair. The replacement of the existing equipment will provide for an accessible playground, improve safety, and better serve the needs of the neighborhoods. The new equipment will conform to current standards for playground equipment. The money funded for this project will also be used to replace various signs, maintain and repave sidewalks, paint bituminous tennis/pickleball courts and hard surface areas, and replace fencing where necessary. This program will assist the department in maintaining visitor safety as well as upgrading the appearance of the parks by completing minor projects not addressed through operating budgets.

**Rockledge Improvements**

SPECIAL REVENUE \$50

This project will address the renovation of greens or other golf course upgrades at Rockledge Golf Club based upon condition and need. It will be funded via the capital projects user fee included in the rates at Rockledge. Funding is requested every other year.

Town Building Improvements  
Years 4-6 CIP Summary  
Fiscal Years 2027-2029  
(In Thousands)

**Town Building Improvements**

BONDS \$4,457  
CNRE \$1,650  
\$6,107

This program provides for the general capital maintenance of Town facilities. Improvements to be undertaken include replacement of interior finishes, completion of minor carpentry work, replacement of building equipment, repair of building fixtures, replacement of building roofs and other exterior surfaces, and other minor projects of an on-going nature. This program allows for minor improvements to municipal buildings. Funding assists in maintaining and upgrading the appearance of buildings by completing minor projects and scheduled replacement of equipment and building structures and for smaller repairs and improvements. Also included are improvements to facilities that are recommended by EPA and DEEP guidelines.

**Town Facilities Paving**

BONDS \$150

This project will repair and repave parking lots at Town facilities that are deemed in poor condition. The goal of the project is to improve safety and accessibility in the Town's parking lots.

**Energy Conservation**

CNRE \$300

This project will fund energy conservation improvements to Town and School buildings as part of the Town's overall energy management strategy. Each year, capital improvements will be identified based upon recommendations of the Town's Energy Specialist that will reduce the consumption and cost of energy. Based upon a priority ranking and payback schedule, those improvements that will have the best return will be implemented. Improvements may include more efficient equipment, energy management control systems, financial incentive programs for improvements from the utility companies, implementing separate heating and cooling systems within buildings, and taking advantage of new technologies.

Natural gas and electricity costs had stabilized over the past few years but are now increasing. Investments need to be made that reduce the consumption of energy to manage energy costs. This dedicated project for energy conservation improvements establishes these investments as a priority rather than competing with other building improvement projects and priorities.

Governmental Operations  
Years 4-6 CIP Summary  
Fiscal Years 2027-2029  
(In Thousands)

**Communications Infrastructure**

BONDS \$1,100  
CNRE \$1,249  
\$2,349

This project represents the continued investment in the organization's communication infrastructure supporting voice and data communications for Town departments and the public schools. Annual funding provides the necessary investment in hardware and software to maintain and enhance this critical infrastructure. The Town's new fiber optic metropolitan area network (MAN) will require an annual maintenance contract in order to provide proactive maintenance and repair should damage occur. Continued enhancements to our infrastructure are included in this project.

**Document Digitization Project**

BONDS \$250

Information Technology plans to create as close to a paperless work environment as possible for the Town and Board of Education. For example, the Community Development Department (Building, Engineering, and Planning & Zoning Divisions) currently requires paper submissions for most of its license and permit applications. The general office workspaces in this Department are overwhelmed by paper document storage. There are a total of 110 standing file cabinets, 30 flat file cabinets for large plans, 3 plan racks for temporary storage of large plans. In addition, there are more documents stored in the Building and Engineering Division vaults, which are located in Town Hall outside of the work areas.

The ongoing CityView license and permit upgrade will allow electronic document submissions. This will stop the need to store paper documents, but leave the many file cabinets, boxes, racks, and piles of paper documents. These documents should be scanned and stored electronically. Once completed, the office will be free of these documents, which will create office space that can be repurposed.

The Information Technology (IT) Department will work with Community Development and other departments to ensure on premise or a cloud storage solution will be available as the main document repository. The IT department will ensure the documents are searchable and categorized so they can be easily retrieved.



Rolling Stock\Miscellaneous Equipment  
Years 4-6 CIP Summary  
Fiscal Years 2027-2029  
(In Thousands)

**Fire Apparatus**

Bonds \$850

The Town has an inventory of seven fire vehicles, including three quints and four pumper trucks. The CIP assumes periodic replacement of fire apparatus based upon a planned replacement cycle. The Fire Mechanic advises to move forward this purchase by one year given the estimated condition of the apparatus.

**Public Works Rolling Stock**

BONDS \$2,250

The Department of Public Works utilizes a variety of rolling stock to perform a diverse array of community maintenance services. Equipment in good repair is critical to the productive use of the department's resources. The Town has developed a multi-year plan to replace rolling stock based upon the condition of existing inventory and expected useful life. Timely replacement of rolling stock contributes to the efficiency and effectiveness of community maintenance services provided by the staff of the Department of Public Works.

Updating the Town's fleet relieves regulatory pressure to meet pollution and fuel economy standards. Replacing needed equipment enhances the public image when vehicles and equipment are in good repair. Safe, reliable equipment which provides necessary functionality also improves relations with employees. Improved engineering and technological advances in updated equipment provides better management of resources. Onboard electronics systems and telematics enable better monitoring of daily operations and performance and provides the ability to manage application rates such as salt application rates. It also improves our ability to monitor and schedule preventative maintenance activities, and helps with workforce productivity.

**Town Vehicles**

CNRE \$500

The Department of Public Works maintains 250 vehicles for the Town. This project funds the planned replacement of vehicles based on vehicle condition and the operational needs of the Town. Funding for replacement vehicles totaling \$500,000 for various Town departments will come from the CNRE Fund.

Rolling Stock/Miscellaneous Improvements  
Years 4-6 CIP Summary  
Fiscal Years 2027-2029  
(In Thousands)

**Fire Miscellaneous Equipment**

CNRE \$600

Miscellaneous Equipment in good condition is critical to the safety and productivity of Town departments. The Town has developed a multi-year plan to replace these items based upon the condition of existing inventory and expected useful life. Timely replacement of Rolling Stock/Miscellaneous Equipment contributes to the efficiency and effectiveness of a Town department.

The Fire Department is requesting to purchase a gear washer and dryer, electrocardiogram machine (ECG), Rescue Tool, Lucas chest compression device, ) SCBA Packs and bottles, “Bail-out” kits, Thermal imaging cameras for staff, Replacement Ladder Belts, and one capital EMS item per year (video laryngoscope, IV pump, AED, etc).

**Fire Support Fleet**

CNRE \$600

Four (4) light vehicles per year to support a replacement cycle for Fire Administration, Operations (EMS vehicles), Fire Marshal’s Office, Emergency Management, and the restricted duty program.

# CAPITAL IMPROVEMENT PROGRAM

## TOWN COUNCIL ADOPTED CIP BUDGET CAPITAL IMPROVEMENTS BY CATEGORIES AND FUNDING SOURCES PROGRAM YEARS 7 THROUGH 12 - FISCAL YEARS 2030-2035 (\$ IN THOUSANDS)

This section contains program years 7 through 12 of the Capital Improvement Program (CIP) presented aggregated rather than detailed for each fiscal year. Individual projects are not presented for each of the six fiscal years as the determination of priorities, economic viability of project costs are less certain in years 7 through 12 of the CIP budget. Highlighted in this section are Planning Categories and their related forecasted project expenditures, anticipated funding sources, estimated durations, and a generalized description and justification overview for each project. The presentation of projects for the entire six-year period allows flexibility and review of project priorities in determining which potential projects could emerge and be approved for funding in future years.

### PROGRAM YEARS 7 - 12 PLANNING CATEGORY SUMMARY

	<u>FY 29-30</u>	<u>FY 30-31</u>	<u>FY 31-32</u>	<u>FY 32-33</u>	<u>FY 33-34</u>	<u>FY 34-35</u>	<u>TOTAL</u>	GRAND <u>TOTAL</u>
Transportation & Circulation	12,406	12,399	12,829	13,059	13,295	13,538	77,526	152,251
Education	13,240	13,565	13,790	13,965	14,215	14,465	83,240	159,112
Parks & Recreation	1,700	1,260	5,425	970	525	885	10,765	22,910
Town Building Improvements	2,409	2,324	2,409	2,482	2,557	2,589	14,770	39,925
Governmental Operations	831	856	856	882	908	922	5,255	10,812
Rolling Stock\Miscellaneous	1,320	1,345	1,355	2,363	1,371	1,371	9,125	20,188
Equipment								
<b>TOTAL</b>	<b>31,906</b>	<b>31,749</b>	<b>36,664</b>	<b>33,721</b>	<b>32,871</b>	<b>33,770</b>	<b>200,681</b>	<b>405,198</b>

### PROGRAM YEARS 7 - 12 FINANCING SOURCES SUMMARY

	<u>FY 29-30</u>	<u>FY 30-31</u>	<u>FY 31-32</u>	<u>FY 32-33</u>	<u>FY 33-34</u>	<u>FY 34-35</u>	<u>TOTAL</u>	GRAND <u>TOTAL</u>
Bonds	26,133	25,698	30,685	26,486	26,580	28,454	164,036	331,809
CNRE Funds	2,714	2,897	2,830	3,923	2,926	2,552	17,842	31,547
Grants	3,009	3,054	3,099	3,157	3,215	2,764	18,298	40,887
Other	50	100	50	155	150	-	505	955
<b>TOTAL</b>	<b>31,906</b>	<b>31,749</b>	<b>36,664</b>	<b>33,721</b>	<b>32,871</b>	<b>33,770</b>	<b>200,681</b>	<b>405,198</b>

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**CAPITAL IMPROVEMENT  
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**CAPITAL IMPROVEMENT  
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**TRANSPORTATION & CIRCULATION**

**Inventory of Public Infrastructure**

13	Bridges
6,750	Catch Basins
490	Crosswalks
73	Culverts
217	Miles of Roads
300	Miles of Sidewalks
175	Miles of Storm Drainage Pipes
8.5	Miles of Water Courses on Town Property
1,406	Stop Signs
62	Traffic Signals

One of the largest project categories in the CIP is comprised of projects that improve and refurbish the public infrastructure including roads, bridges, sidewalks, curb, drainage, and traffic control. This CIP category consists primarily of recurring projects that fund renovation and improvements to this extensive public infrastructure.

Maintenance of the Town's public infrastructure is critical for mobility of all users and to sustain or improve the attractiveness of the Town. The attractiveness of the Town is considered essential in retaining and attracting residents and encouraging investment in the private infrastructure of the community.

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## CAPITAL IMPROVEMENT PROGRAM

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### STREET IMPROVEMENTS

West Hartford has an extensive roadway network. The Town ranks thirteenth highest in the State for the number of miles of roadway that are locally maintained. The street network is classified by the function of the individual streets. Arterial and collector streets carry heavy, often intertown traffic and include all of the Town's major streets. Local streets primarily serve residential neighborhoods. West Hartford has very few highway miles maintained by the State of Connecticut compared to other communities. While statewide 18% of local roads are maintained by the State of Connecticut, in West Hartford, only 8% of the roads are maintained by the State.

### STREET IMPROVEMENTS

#### Inventory of Streets

<u>Street Category</u>	<u>Miles</u>
Arterial Streets	39
Collector Streets	20
Local Streets	<u>158</u>
TOTAL	217

Note: These figures represent linear miles of streets. Some streets have multiple lanes and require a larger investment than the mileage would suggest. In addition, there are 18 miles of State highways and 15 miles of private roads in West Hartford.

#### **Capital Investment Strategy:**

Funding is allocated every year in the CIP for the reconstruction and resurfacing of streets. In order to extend the life of the existing street infrastructure various maintenance strategies are employed. Regular maintenance is provided by the Public Works Department, which fills potholes and repaves small areas of streets. Street resurfacing is undertaken on streets where the existing pavement structure is in poor condition and the amount of repair cannot be supported by Public Works. The expected life of resurfaced roadway varies widely depending upon the condition of the underlying road structure, but generally lasts 20 years. Streets that are deteriorated, in need of storm drainage or curb replacement, or cannot sustain an additional resurfacing undergo some degree of reconstruction. A reconstructed street can generally last 30 years. These life spans vary widely depending upon the amount of traffic the street carries and the number of utility cuts the street experiences over its life span. It is the goal of the street program to repave approximately 12 miles of streets with some form of improvement each year. However, rising oil prices and budget constraints make it difficult to repave 12 miles of roadway every year.

The CIP provides funding each year for roadway reconstruction. This program may also include catch basin replacement, storm drainage improvements, curb and driveway apron replacement, restoring of the roadway base, paving, and pavement markings.

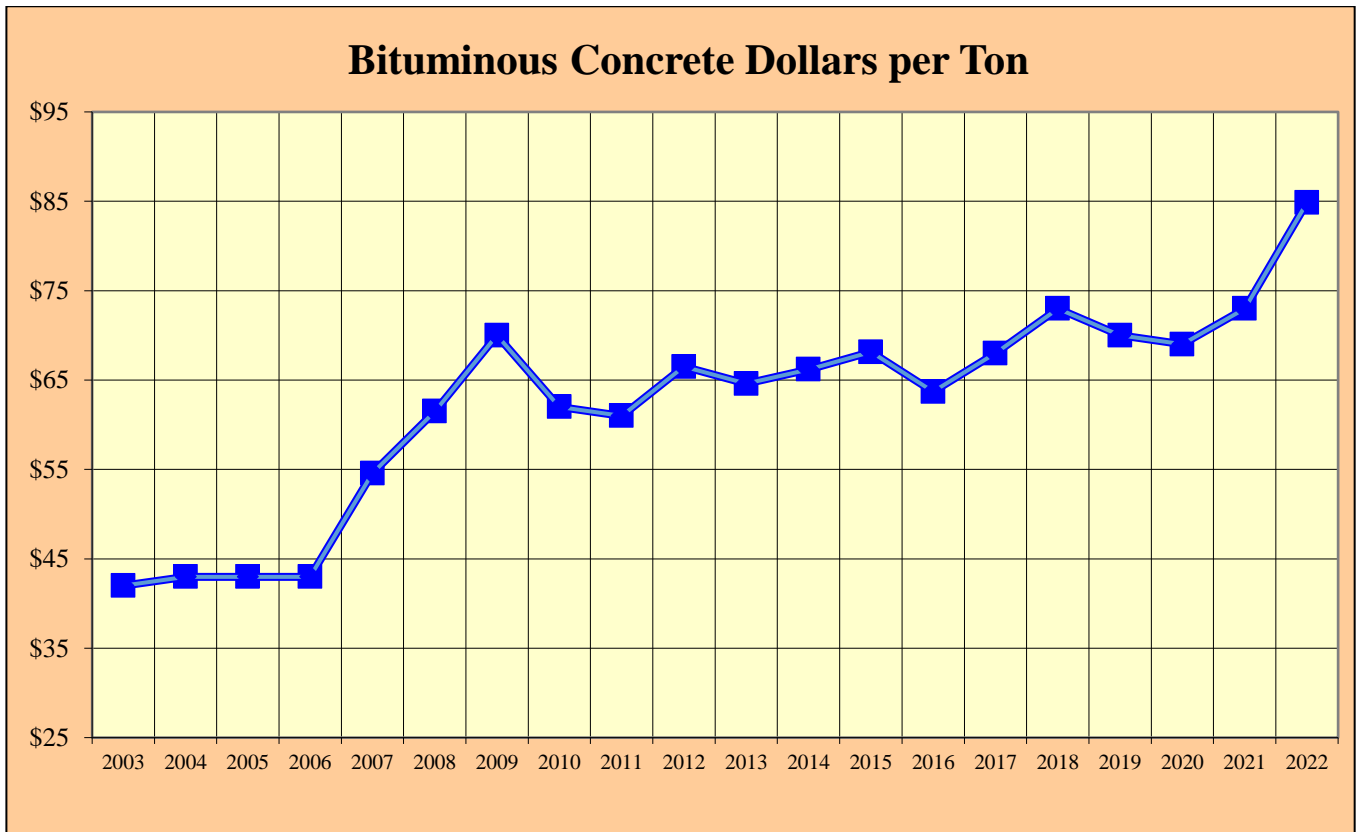
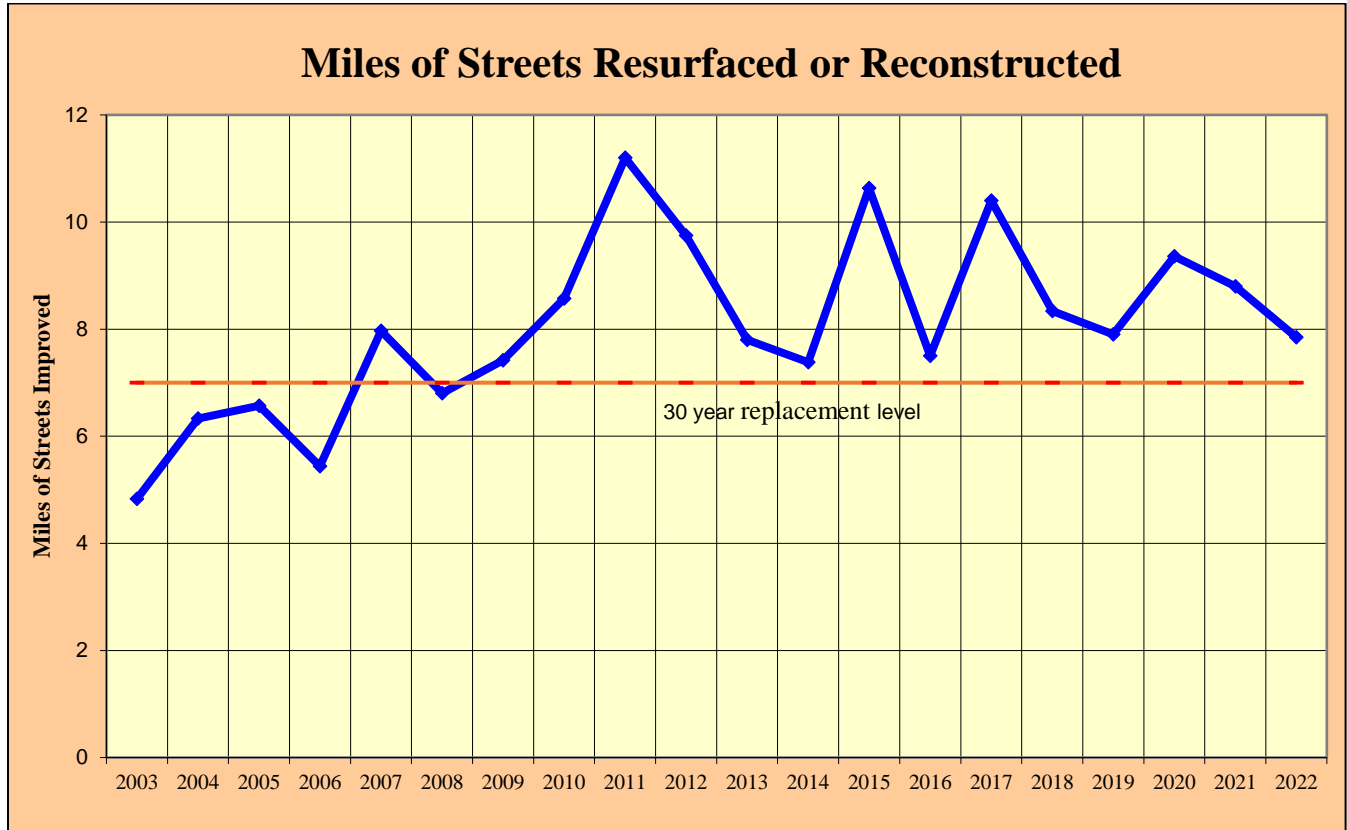
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**CAPITAL IMPROVEMENT  
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**CAPITAL IMPROVEMENT  
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Periodically, the Town will receive funding from the State and Federal government for improvements to arterial and collector streets. These projects are financed by the State with the Town appropriating the required matching contribution. The only cost reflected in the Town's CIP would be the required matching contribution. These projects are competitively awarded among Connecticut municipalities, and the available funding varies from year to year. Since 1976, the following State and Federally funded improvements have been completed:

**Summary of State and Federally Funded Projects**

<u>Project</u>	<u>Cost</u>	<u>Length of Street Improved in Miles</u>
South Main Street	\$1,000,000	1.1
Boulevard Bridge at Trout Brook Drive	750,000	0.1
Farmington Avenue at Trout Brook Drive	500,000	0.1
South Street	1,300,000	0.6
Fern Street	1,700,000	1.1
Mountain Road	1,500,000	0.5
Newington Road	2,300,000	0.9
Trout Brook Drive	3,000,000	1.7
Trout Brook Drive	1,800,000	0.9
Talcott Road	1,700,000	0.6
Park Road	5,000,000	0.9
New Park Avenue	500,000	0.5
Farmington Avenue (West of Center)	3,600,000	1.2
Farmington Avenue (Prospect to Whiting Lane)	3,300,000	0.5
New Britain Avenue Reconstruction	9,000,000	0.7
Park Road at Interstate 84 Interchange	7,200,000	0.3
Mountain Road at Albany Avenue	1,500,000	0.1
New Park Avenue Complete Streets Improvements	3,500,000	0.6
Sedgwick Road Pavement Rehabilitation	1,000,000	0.7
<b>TOTAL</b>	<b>\$50,150,000</b>	<b>13.1</b>

**Pavement Markings**

The CIP provides funding for the installation and replacement of epoxy pavement markings and is supplemented with operating funds every year. Pavement markings include the double yellow lines, stop bars, crosswalks, arrows, edge lines, parking stalls, handicap stencils, lane lines, bicycle sharrows, bike lane markings, stencils, and slow school markings.

Pavement markings are used primarily on heavily traveled streets and newly paved streets. The center lines on arterial streets painted with epoxy pavement markings have a life expectancy of up to 10 years. Crosswalks, on the other hand, will last only a few years due to vehicle tire wearing. The life of most pavement markings is a function of traffic volume, pavement conditions, and snow plowing.



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**CAPITAL IMPROVEMENT  
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**BRIDGE & CULVERTS**

**Inventory of Bridges & Culverts**

	<u>Number</u>	<u>Estimated Value</u>
Bridges	13	\$6,500,000
Culverts	73	\$23,200,000

Note: There are also 50 State and 17 private bridges and culverts in West Hartford. The 50 State bridges include 3 CT Fastrak bridges.

**Capital Investment Strategy:**

The CIP includes annual funding for the repair of bridges and culverts. This provides for the periodic assessment of conditions and some contracted maintenance such as painting and repairs. The periodic assessment of the conditions of bridges may result in new CIP projects being identified to repair specific bridges. The project scope of major bridge and culvert projects includes the removal of deteriorated concrete; cleaning, reinforcing, and injection grouting and painting of the concrete.

There are three structures funded for rehabilitation or replacement, while others are planned for repairs in the future using the CIP:

<u>Project</u>	<u>Program Year</u>	<u>Construction Year</u>	<u>Total Cost</u>	<u>Town Funding</u>	<u>Grant Funding</u>
Fern Street Bridge over Trout Brook at Fernridge Park	2020	2023	\$4,200,000	\$1,200,000	\$3,000,000
Sedgwick Road Bridge over Rockledge Brook	2018	2024	\$100,000	\$100,000	\$ -
New Park Avenue Bridge	2025	2025	\$5,000,000	\$5,000,000	\$ -
Prospect Avenue culvert over Kennedy Brook	2035	2035	\$200,000	\$200,000	\$ -
Still Road over Tumbledown Brook	2045	2045	\$400,000	\$400,000	\$ -

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## CAPITAL IMPROVEMENT PROGRAM

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### TRAFFIC SIGNALS

#### Inventory of Traffic Signals

Traffic Signals	62
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#### **Capital Investment Strategy:**

In the past 20 years, 57 of the Town's traffic signals were completely replaced. A new traffic signal costs about \$250,000 per installation. Traffic signal enhancements are annually funded through the CIP.

CIP funding is used to renovate the traffic signals, which includes new vehicular and accessible pedestrian signal equipment, video detectors and other equipment. Periodic maintenance is required to refurbish and replace old parts or upgrade existing electronics.

### SIDEWALKS

#### Inventory of Sidewalks

Sidewalk Miles	300
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#### **Capital Investment Strategy:**

Sidewalk construction is funded annually in the CIP. The funds are used to add sidewalk segments or restore sidewalk areas in need of maintenance or replacement. The vast majority of the system is concrete, but there are areas with concrete pavers, asphalt, and a few slate walks. The Town receives about 200 sidewalk complaints each year including trip and fall occurrences. There are approximately 1,050 sidewalk work orders submitted by residents. On average, the Town is able to address 225 sidewalk work orders each year. Sidewalks are reviewed on a complaint basis, and the most significant issues are given priority. Annual funding provides for the replacement of approximately 2.5 miles of sidewalk.

Sidewalks deteriorate, creating trip and fall potentials. Each year, sidewalks are prioritized for replacement or repair based on general condition and safety. Two mitigation strategies are implemented. Either existing slabs, asphalt areas, or concrete pavers are replaced due to extensive deterioration, or concrete sidewalk joints are sawcut to eliminate tripping hazards.

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**CAPITAL IMPROVEMENT  
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**STORM DRAINAGE**

**Inventory of Storm Drainage**

Catch Basins	6,750
Miles of Storm Drainage Pipe	175

**Capital Investment Strategy:**

The CIP provides funding each year for improvements to the storm drainage system. The funding is used for small repairs in response to flooding complaints, minor improvements and occasionally a major storm drainage improvement. West Hartford's storm drainage system is effective for small and moderate storm events. However, periodic flooding occurs with high intensity storms.

The funding is also used in anticipation of road reconstruction projects when roads scheduled for improvements have major storm drainage system problems. The improvements to the storm drainage system are prioritized based upon (1) elimination of flooding impacting property owners; (2) elimination of icing and water build up problems; and (3) improving system capacity.

The Town will continue a program of video inspection of storm drainage systems that are suspected to be deficient in order to help identify problems and potential solutions to address them.

Larger storm drainage improvements are planned to reduce the frequency and extent of street flooding and associated property flooding.

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**CAPITAL IMPROVEMENT  
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## CAPITAL IMPROVEMENT PROGRAM

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### EDUCATION

Improvements to school buildings are driven by enrollment trends, the age of school buildings, and changes in the curriculum. There has been significant investment in the public schools over the past decade, but buildings of this age require constant reinvestment to improve energy efficiency, maintain infrastructure and to meet the evolving educational needs of students.

Facility needs are divided into three components: (1) recurring needs, (2) program enhancements, and (3) space needs. Recurring needs encompass building maintenance needs such as reroofing, boiler replacement and code requirements. Program enhancements include enhancements to technology systems, accessibility improvements, furniture and equipment replacements, playscape improvements, building security improvements, athletic field upgrades, and ventilation and air conditioning upgrades. Space needs include school specific renovations and additions.

Recurring needs are driven by aging building systems that require annual investments. Programmatic enhancements are driven by changing educational program needs and the goal to provide the best, most up to date, and safest educational environment possible. Space needs are driven by enrollment trends and changing space allocations at all levels. Recent trends indicate a decline in enrollment over the time period of the CIP, so space needs will no longer be a driver in the CIP.

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## CAPITAL IMPROVEMENT PROGRAM

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### SCHOOL CIP PLANNING ASSUMPTIONS

The following assumptions were developed by the school administration and approved by the Board of Education to guide capital investment in their facilities:

1. We will maintain our commitment to neighborhood schools.
2. Changing demographics will result in a greater need for intervention programs, which will increase our needs for space.
3. We will continue to extend both the length of the school day and school year, (full-day kindergarten, homework centers, Summer Academy) based upon the needs of our students, which will place additional demands on our school facilities.
4. Class size is a significant variable in our planning.
5. We are committed to maintaining stability in the location of our Town-wide special education programs.
6. We are committed to supporting our middle school programs with adequate space.
7. There will be a dedicated space for music and art.
8. There will be adequate office and administrative space for each school.
9. There will be adequate space for specialty areas (QUEST, ELL, Early Intervention, Parent Centers, and Resource Rooms for At-Risk Learners.)
10. We will advance the technology infrastructure program in each school.
11. Each school will have an adequate internal communications system.
12. Each school will be at least partially handicapped accessible.
13. Each cafeteria will hold one-third of the student body.
14. Each auditorium will hold one-half the student body.
15. Elementary outdoor play equipment will be adequate, safe and developmentally appropriate.
16. Secondary level athletic fields will be enhanced and maintained.
17. Schools will be upgraded for roofs, lighting, windows, flooring, heat and air conditioning.
18. All schools will have safe roadways, walks and traffic patterns.
19. All schools will pursue energy conservation improvements at every opportunity.

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**CAPITAL IMPROVEMENT  
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**BUILDING INVENTORY**

The eleven elementary schools, three middle schools, and two high schools comprise approximately 1,800,576 square feet of facilities on 320 acres of land.

**Inventory of School Buildings**

<u>School</u>	<u>Square Feet</u>	<u>Year Built</u>	<u>Recent Rehab</u>
Aiken	58,760	1964	2003
Braeburn	56,984	1956	2003
Bugbee	57,586	1950	
Charter Oak	87,700	2016	
Duffy	78,969	1952	
Morley	61,593	1927	1976
Norfeldt	61,486	1957	2000
Smith	58,831	1955	1995
Webster Hill	70,092	1949	1999
Whiting Lane	96,817	1954	1997
Wolcott	73,850	1957	2003
Bristow	103,900	2005	
King Philip	196,257	1955	
Sedgwick	179,850	1931	2004
Conard	278,874	1957	1998
Hall	<u>279,027</u>	1970	1999
TOTAL	1,800,576		

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## CAPITAL IMPROVEMENT PROGRAM

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### ENROLLMENT

Enrollment growth resulted in the need to develop additional space at existing schools in prior Capital Improvement Programs. Over the past 20 years we have added instructional space at all elementary schools except Morley, all middle schools including the construction of a new middle school – Bristow, and at both high schools. These space additions were in response to enrollment that grew from 8,030 K-12 students on 10/1/1992 to a peak of 10,091 K-12 students on 10/1/2010.

Multi-year enrollment projections are prepared annually. These projections use historical enrollment trends that result from analysis of the changes in enrollment from October 1 of each school year to the next. Enrollment projections are made both for the district as a whole as well as for each individual school. Projections continue to indicate a gradual decline over the next ten years. As such, there are no capacity issues for standard classrooms at any of the schools. However, based upon the increased need for specialized services, provided either one-on-one or in small group settings, we will continue to assess space needs at individual schools.



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## CAPITAL IMPROVEMENT PROGRAM

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### I. SCHOOL RECURRING NEEDS – BUILDING INFRASTRUCTURE

Investments are undertaken to maintain the existing structures and building systems, address code compliance and safety issues, and improve the energy efficiency and performance of facilities.

#### **Recurring Need Categories**

- Asbestos Removal
- Boiler Replacement and Heating and Ventilation System Improvements
- Exterior School Building Improvements
  - Roofing and Masonry
  - Window Replacement
- Interior School Building Improvements
- Site and Athletic Field Improvements
- Stage and Auditorium Renovations

#### **Asbestos Removal**

The CIP includes an annual appropriation for asbestos removal. All asbestos containing materials have been surveyed and identified to the best of our ability. There is no friable or dangerous asbestos in any of our schools. When the material becomes friable, it must be removed or contained as soon as possible. Generally, this appropriation is used in advance of another construction project to ensure that the work site is free of asbestos. Often an asbestos abatement project is connected with a heating system replacement, but asbestos can be found throughout the school building. The complete removal of asbestos from the schools is a very long term goal. This is a program that will require a continuous long-term investment, as most flooring systems contain asbestos.

#### **Boiler Replacements and HVAC Improvements**

Over the past decade significant improvements have been made in school heating, ventilation and air-conditioning systems (HVAC). As school heating systems were approaching the end of their useful life, the town began a systematic replacement program beginning in the late 1980's including Braeburn, Bugbee, Duffy, Morley, Webster Hill, Whiting Lane and Wolcott Elementary Schools. More recent boiler replacements have occurred at Aiken, Norfeldt, Sedgwick, Smith and Hall. Planned boiler replacements include King Philip Middle School. The main chiller plant at Conard was replaced in 2011 and the main chiller plant at Hall was replaced in 2015.

Several schools are either partially or fully air-conditioned. Both high schools are completely air-conditioned as are the three middle schools, Smith and Charter Oak International Academy. The main chiller plants at Conard and Hall were replaced in 2011 and 2015, respectively. The remaining nine elementary schools have limited air-conditioning in the library/media centers, school offices, nurse's offices and some selected classrooms to meet student medical needs. Currently, this is accomplished primarily through small localized systems or window units. However, as all schools are used to a greater extent for summer programs, there is a growing need for air-conditioning in classrooms.

School renovations generally include a significant investment in ventilation systems. The building code requires that a certain number of square feet of fresh air be brought into the classroom each hour.

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## CAPITAL IMPROVEMENT PROGRAM

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Schools that have been substantially renovated have been upgraded to meet current air quality standards. The ventilation standards are substantially met in the two high schools, Sedgwick and Bristow Middle Schools, Aiken, Braeburn, Charter Oak, Smith, Webster Hill, Whiting Lane, and Wolcott Elementary Schools.

Funding is allocated every year in the CIP for the replacement of boilers and HVAC systems. The replacement of these systems will ensure that boiler operation continues without failure. At the same time, the goal of utilizing the full useful life of a capital investment balances against the need to secure continuous and effective operation of the heating systems during the winter months. Some of the replacement needs can be deferred in the short term but cannot be avoided indefinitely. A careful evaluation of each system as its replacement approaches will give us the ability to craft the best solution for that system. The long-term goal is to replace boiler systems at the end of their useful life and to upgrade the heating distribution system and control systems when possible. Substantial renovation projects generally include the replacement of the existing pneumatic control systems with digital systems that are tied into a central computer. The replacement of boilers and heat distribution and control systems generally result in energy cost savings and reduce the cost of maintenance.

### **Exterior School Building Improvements**

The schools have an ongoing roofing replacement program funded with an annual appropriation. The cost of a roof replacement can vary widely depending upon the conditions found at the site. Generally, re-roofing costs between \$18 and \$23 per square foot. There are approximately 1,800,000 square feet of roofing on our school buildings. The replacement of the entire system at a \$21 per square foot cost would be \$37,800,000. A roof should last 25-30 years. Replacing the whole system every 25 years at \$21 a square foot, we should be spending \$1,500,000 annually on roof replacement. The life of a roof can be extended with good maintenance. During substantial renovation some re-roofing is usually accomplished. Conard included the replacement of a small area, and Hall's roofing was partially replaced in 1994. Braeburn roof was replaced in 1996 and Duffy was replaced in 2001-2002. Webster Hill was replaced in the summer of 2003. Hall and Smith were partially re-roofed in 2004. Conard was partially re-roofed in 2005. Whiting Lane received a new roof in 2006, Wolcott School in 2007-2008, Norfeldt in 2009-2010 and Aiken in 2011. The majority of Conard was re-roofed in 2012 and 2013. King Philip's roof replacement began in 2015, is substantially complete now and will be completed in the summer of 2018. Morley's Library/Media Center and the main building roofs were replaced in 2017. This CIP also looks to address needed partial roof replacements at Hall, and to start a multi-year effort to replace the Sedgwick roof. Re-roofing projects often include, for an additional cost, the repair or replacement of parapet walls, hatches, skylights, roof drains, and in most cases, some asbestos abatement.

Window replacement projects are funded within the CIP. The replacement of windows is both an energy efficiency investment and an improvement to classroom comfort. Many of the schools have the original single glazed windows that create a cold wall within the classrooms. This not only adds to heating costs, but also causes differential heating within the room, making them uncomfortable. Morley School replaced their original double hung windows in 1999 through the capital budget. Conard High School windows had been a problem for many years with both heating concerns in the winter and solar gain in the summer. The entire window wall system was replaced in the 1998 renovation. The windows at Braeburn School were replaced in the summer of 2004. The window wall system at Wolcott School was replaced in the summer of 2007. The window replacement program will continue, as funding is available.

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## CAPITAL IMPROVEMENT PROGRAM

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### **Interior School Building Improvements**

This large category is utilized to address building and fire code updates, general appearance improvements such as painting and flooring replacements and programmatic needs. In the recent past, the work has concentrated on fire protection systems including alarms, detection, sprinklers and emergency lighting. More recent projects have focused on painting, flooring replacement and classroom improvements. While several schools have seen significant reinvestment in the past few years, others are still in need of renovation.

### **Site and Athletic Field Improvements**

In 1997, the Town completed a study for twelve park and school athletic fields. The result of the study was that the Town and schools pooled their funding for joint improvements to these facilities. The renovations of Conard and Hall High fields were completed at a cost of \$1.4 million. Additional funding will be targeted to areas most in need and where we can get the most for our money. The school sites with large fields that serve both school and Town functions are likely near term candidates. Besides athletic fields, many school sites have parking lots, tennis courts, playgrounds, sidewalks and drainage systems that are also in need of renovation.

### **Stage & Auditorium Renovations**

This category is devoted to addressing the needs of our stages and auditoriums. Projects include replacement of lighting and sound systems in our auditoriums as well as replacement or refurbishment of seating in auditoriums. Many of these projects replace equipment and seats that have been in place since the construction of the schools.

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**CAPITAL IMPROVEMENT  
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**II. SCHOOL RECURRING NEEDS – EQUIPMENT AND TECHNOLOGY**

**Computer Infrastructure**

It is a stated goal of the Board of Education to install technology wiring, servers and computers to all classrooms, offices and libraries in the school system. The schools have made substantial investment to wire their facilities for computer technology and provide the computer systems to meet program needs and the wiring framework for technology has been completed at all schools. In addition, installation of wireless access points and associated networking hardware and cabling to provide controlled access to wireless in all schools was completed in fiscal year 2013.

**Furniture and Equipment Replacement**

There is a continuing need to replace furniture and equipment as it wears out. Furniture is comprised of an estimated 10,000 student desks throughout the system, and equipment includes items from gym equipment to lawn maintenance equipment and rolling stock. Each new classroom generally includes \$3,500 to \$5,000 in new furniture. In addition, this account provides the replacement of lockers in the schools as they wear out.

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**PARKS & RECREATION PROJECTS**

The CIP contains recurring and individually identified projects to support the maintenance and operation of the community's public spaces used for active and passive recreational purposes. Diversified financing sources support these investments from various Town funds, including the Westmoor Park Fund and the Leisure Services Enterprise Fund. The Town maintains and operates six major outdoor parks totaling more than 170 acres. Within these six neighborhood parks are numerous pools (4 full size, 1 teen slide and 4 spray decks), as well as eleven (11) major playground structures. Within the public spaces, the Department maintains fifteen (15) ponds. The Town also operates two (2) golf courses totaling 227 acres.

**PARK IMPROVEMENTS**

**Major Active Public Parks**

<u>Park</u>	<u>Acres</u>
Beachland Park	28.2
Eisenhower Park	15.0
Fernridge Park	26.6
Kennedy Park	21.8
Westmoor Park	52.0
Wolcott Park	<u>26.6</u>
TOTAL	170.2

**Capital Investment Strategy**

The assets of the public parks require investment, including recreation fields, outdoor pools and playgrounds as well as infrastructure support such as parking lots, walkways, fencing, hard surface play areas, exterior lighting and signage. Funds from several sources are appropriated every year to maintain park assets. Individual projects are identified on an as-needed basis. The underlying policy is to provide CIP funding in the parks for significant renovations or maintenance activities. Priorities are designated to projects that address safety, code compliance and ADA accessibility, and projects that will save on maintenance costs over time.

Minor projects in the parks to improve appearance and provide proper maintenance are also funded through the CIP. Projects include fencing and playground equipment repairs, pool repairs, signage, repairs to hard surface areas, and tennis court painting and repairs. This program has been included in the CIP & CNRE to provide flexibility to make improvements as required, as funding was reduced in the General Fund for maintenance activities. The project timing and funding has historically been included in the CIP.

Funding for projects to maintain and improve Westmoor Park is provided by the Westmoor Park Fund.

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**CAPITAL IMPROVEMENT  
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**OUTDOOR POOL IMPROVEMENTS**

**Inventory of Pools**

<u>Park</u>	<u>Number of Main Pools</u>	<u>Number of Spray Decks</u>	<u>Approximate Year Built</u>
Beachland	1	1	1936, 1966 & 2015
Eisenhower	1		1964 – reno 2023
Fernridge	1	1	2012
Kennedy	2	1	1964 & 2003
Wolcott	–	<u>1</u>	2002
TOTAL	5	4	

**Capital Investment Strategy:**

The major investment areas in the outdoor pools include the pool tank, pool decking, bathhouses and the filtration systems. The concrete shells and decking deteriorate over time, creating safety and integrity issues. The filtration systems also deteriorate over time, resulting in cracked pipes and leaks, as well as the inability to maintain water quality and chemical balance. The underlying policy is to continue to operate the outdoor pools by providing CIP funds for maintenance repairs at the pools. A long-term pool replacement plan in the CIP addresses the need to schedule major renovations to meet changing State regulations on the disbursement of pool water and filtration systems. Changing State regulations on the disbursement of pool water has necessitated a greater reinvestment and modifications to the drainage systems at the outdoor pools. Fernridge Pool, built in 2012, is slated for replacement in 2032.

Plans include the replacement of the 20-year-old splash pad at Kennedy Park, utilizing CDBG funds, and the Wolcott Park splash pad in FY27, which was installed in 2002. The long range 12-year plan includes Fernridge splash pad, which dates to 2012 and the replacement of the two Kennedy Pools in FY32, which were constructed in 2003.

Periodically, the CIP funds minor improvements to pools that include repairs to concrete decks, underground pipes and filtration systems on an as-needed basis to ensure visitor safety and the effective opening of the pool season. The CIP provides flexibility to respond to yearly repairs to the plumbing and filtration systems at the outdoor pools.

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**CAPITAL IMPROVEMENT  
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**ATHLETIC FIELD IMPROVEMENTS**

**Inventory of Athletic Fields**

<u>Athletic Fields Location</u>	<u>Field Acres</u>
Beachland Park	4.4
Eisenhower Park	4.4
Fernridge Park	4.4
Glover Soccer Complex	6.6
Kennedy Park	6.6
Norfeldt Park	2.2
Solomon Schechter School	4.4
Southwoods	2.2
Sterling Field	11
Former UConn Property	8.8
Whiting Lane Park	6.6
Wolcott Park	<u>4.4</u>
TOTAL	66

In addition, there are 139 acres of athletic fields located on school property that are used for the Town's recreation programs after school hours.

**Capital Investment Strategy:**

Athletic fields are heavily used by youth leagues, some high school teams and several adult leagues. Improvements to athletic fields and hard courts are required for safety purposes. Fields become uneven, resulting in playing surfaces that can cause injuries to users of the fields. Refurbishment of the turf is also required for safety purposes by creating a cushioning effect. Full refurbishment includes stripping fields to the sub-surface, installing or replacing irrigation systems, and bringing in proper materials to create a sub-surface that improves the drainage of the fields. Drainage soils and topsoil are brought in over the sub-surface material and the field is sodded or seeded. Irrigation systems are a priority to reduce long-term maintenance costs. The department schedules hard court renovations to ensure safety and longevity. Post-tension concrete surfaces reduce long-term maintenance costs.

An athletic field inventory and hard-court assessments document conditions and help prioritize long-term goals. Upcoming projects include field upgrades at Sedgwick baseball field, and post tension concrete basketball courts at Eisenhower Park and Beachland Park. The mid-range plan includes field renovations at Eisenhower and Glover soccer fields and the tennis courts at Fernridge Park.

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**CAPITAL IMPROVEMENT  
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**PLAYGROUNDS & PLAYSAPES**

**Inventory of Playscapes & Playgrounds**

<u>Playground Location</u>	Handicapped <u>Accessible</u>	<u>Condition</u>
Beachland Park	Yes	Good (2018)
Eisenhower Park	Yes	Fair
Fernridge Park	Yes	Fair; New (2013)
Glover Park	Yes	New (2023)
Kennedy Park	Yes	Fair
Former UConn Property	Yes	Good (2012)
Vanderbilt Park	Yes	Good (2016)
Wolcott Park	Yes	Fair
Southwood Park Swingset	Yes	Good (2013)
HANOC	Yes	Good (2017)

**Capital Investment Strategy:**

Playscape and playground equipment periodically requires replacement for safety, maintenance and play value. A long-range plan for improvements to playgrounds and playscapes for both the Town and Schools tracks and prioritizes equipment. The CIP includes funding to maintain and upgrade where necessary as well as meet handicapped accessible requirements, including hard surface access routes, transfer points on the playground and signage. The CIP periodically funds the replacement and repair of playground structures.

**GOLF COURSES**

**Inventory of Golf Courses**

<u>Golf Course</u>	<u>Holes</u>	<u>Acres</u>
Buena Vista	9	75
Rockledge	<u>18</u>	<u>152</u>
TOTAL	27	227

**Capital Investment Strategy:**

Capital Improvements required at the two golf courses have been identified in a long-range plan. Improvements will include fairways, tees and greens to improve the playability of the course, and maintenance projects including paving, bridge upgrades, watercourses and buildings. The golf courses operate as enterprise fund activities, and capital investments are an important element in protecting the public assets, enhancing the courses' appeal and attractiveness to customers. Golf course projects are generally funded through a surcharge program begun in FY 2000; a portion of cart rentals was added to the fund starting in 2021.

Replacement of Rockledge Golf Course's irrigation system, which was installed in 1981 with a 20-year lifespan, is slated for 2025, through bonded funds. This investment will protect the course, save money on repairs and leaks, and increase efficiency. An automated system would allow remote adjustments.



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**TOWN BUILDING IMPROVEMENTS**

**INVENTORY OF TOWN BUILDINGS**

<u>Building</u>	<u>Year Built</u>	<u>Year Remodeled</u>	<u>Square Footage</u>
Town Hall	1922	1987/2007	142,615
Elmwood Community Center	1928	1978	53,222
Police Station	1910	1981/2007	56,679
Noah Webster Library	1938	1962/2007	41,890
Faxon Branch Library	1954	1997	9,860
Bishops Corner Library	1966	2012	7,730
Cornerstone Pool	1961	1992	47,930
Rockledge Golf Course	Various	1996	12,621
Public Works Facilities	1958	1998	90,722
Veterans Memorial Skating Rink	1966	2000	29,342
Westmoor Park	Various	1995	18,590
Buena Vista Maintenance	1979	-	3,914
Beachland Maintenance	1967	1990	7,663
Fire Station #1	1915	-	7,892
Fire Station #2	1991	-	5,380
Fire Station #3	1930	1991	6,392
Fire Station #4	1954	1995	6,274
Fire Station #5	1963	-	4,477
Constructive Workshop	1980	-	10,280
Miscellaneous Buildings	Various		40,000
<b>TOTAL</b>			<b>603,473</b>

**Capital Investment Strategy**

The CIP includes funding for the renovation of and additions to municipal buildings. There is a recurring Town building improvement program that provides funding each year for the maintenance of and minor improvements to Town buildings. Major renovation projects, including expansions, are listed as separate projects and are usually developed with the assistance of an outside architect. A feasibility study is often produced, which outlines the condition of the existing building and an examination of how the facility does or does not serve the program needs of the department(s) occupying the building.

**Town Building Improvements**

CIP projects provide for the general capital maintenance of Town facilities. Improvements that are undertaken include replacement of interior finishes, completion of minor carpentry work, replacement of building equipment, repair of building fixtures, replacement of building roofs and other exterior surfaces, and other minor projects of an ongoing nature. Funding assists in maintaining and upgrading the appearance of buildings by completing minor projects and scheduled replacement of equipment and building structures. The CIP funding provides flexibility for smaller repairs and improvements. In addition, funding is included for energy conservation projects throughout the town facilities.

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## CAPITAL IMPROVEMENT PROGRAM

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### GOVERNMENTAL OPERATIONS

The Capital Improvement Program includes funding for strategic initiatives and equipment. These initiatives include improvements and enhancements to the Town's communications infrastructure.

#### **Capital Investment Strategy**

Each year, funding is included for improvements and enhancements to the Town's communications infrastructure, supporting voice and data communication for Town departments and the public schools. This annual project provides the necessary investment in hardware and software to maintain and enhance this critical infrastructure. The maintenance of the infrastructure requires annual investments to replace obsolete hardware and software, and enhancements are required to maintain the performance of the infrastructure to support the continued and expanded utilization of voice and data communications.

The communications infrastructure supports applications that utilize voice and data communications to improve organizational performance. Improved performance is the result of extending access to information throughout the organization, making employees independent in accessing resources to solve problems and provide customer service. The communications infrastructure supports applications that provide customers direct access to electronic services, eliminating their dependencies on staff to receive customer service. Continued investment is required to maintain the infrastructure to support new applications and increased utilization, while maintaining the security integrity of the infrastructure.

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**ROLLING STOCK/MISCELLANEOUS IMPROVEMENTS**

The Capital Improvement Program includes funding for strategic initiatives and equipment. These initiatives include the purchase of fire apparatus, and major rolling stock for the Public Works Department.

**Capital Investment Strategy**

The CIP provides funding for projects and large equipment purchases that are difficult to fund in the annual operating budget due to the size of required financing. With the exception of fire apparatus, qualifying technology purchases, and large rolling stock purchases, these projects are financed with the annual amount generated by the Capital & Non-Recurring Expenditure Fund for capital projects.

The Town has an inventory of seven fire vehicles, including three quints and four pumper trucks. Based upon a twenty (20) year replacement cycle, the CIP assumes a piece of fire apparatus will have to be replaced approximately every five years.

Large public works equipment, which includes street sweepers and large dump trucks, is financed through the CIP. Equipment in good repair is critical to the productive use of the Department's resources. The Town has developed a multi-year plan to replace rolling stock based upon the condition of existing inventory and expected useful life. Timely replacement of rolling stock contributes to the efficiency and effectiveness of community maintenance services provided by the Department of Public Works.

Miscellaneous Improvements also funds a Town Vehicle Replacement program. This program, funded in part by Police Private Duty (PPD) Fund revenue, funds the replacement of vehicles town wide. Revenues from the PPD Fund are earmarked for Police Department vehicle replacements.

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