



TOWN of TOLLAND/ 21 Tolland Green, Tolland, Connecticut 06084

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December 8, 2020

TO: Town Council

FROM: Michael Rosen, Town Manager

**SUBJECT: FIVE-YEAR CAPITAL BUDGET**

In accordance with Section C9-5 of the Town Charter, I submit to you the Five-Year Capital Plan covering the 2021/2022 – 2025/2026 fiscal years. This plan identifies the public improvements deemed necessary over the next five years which meet the parameters for inclusion in the Capital Budget. The Town's Capital Budget guidelines define a capital project as:

- a. Any new or expanded physical facility, including preliminary design and related professional services.
- b. Land or property acquisition.
- c. Items of a non-recurring nature where the benefits are realized over a long period of time.
- d. The project's outcome, non-recurring in nature should have a useful life of greater than eight years.
- e. Cost should be relatively high, non-operative expenditure for the Town; generally in excess of \$10,000 for equipment or plant facility improvements.

The major funding sources for capital improvements are the General Fund, CNRE, non-referendum notes, referendum notes, ambulance revenue, cemetery fund, utility reserve fund and state grants. While I recognize the continued concerns resulting from the economic uncertainties of our times, the Capital Plan, as presented, is recognition of the need to continue to the extent possible the investment of prior years so that the facilities, infrastructure, and equipment remain useful and can be operated in a safe manner.

The current FY 2020-21 budget includes \$192,567 from the General Fund for funding the Capital Improvement Plan. This represents 0.34% of the total budget. By comparison, the amount in 2008/2009 was \$506,037 representing 1.10% of the total budget. Recognizing our capital needs as well as budgetary concerns, I am recommending a minimal increased amount from the General Fund toward the Capital Improvement Plan of \$197,213. This is an increase of \$4,646 in the General Fund contribution in comparison to the current year.

Significant items included as part of my recommendation for Year One are the following:

1. The second payment of the Vernon WPCA Sewage Treatment Plant upgrade is \$218,542. To fund this payment, we are using \$85,444 from the General Fund, the third (and final) phase-in from the CNRE fund of \$99,558 as previously approved by Town Council, and \$33,540 from the current account available balance. The total cost of this project over the next 20 years is \$3,298,110.
2. \$15,000 to renovate the Tolland High School Special Education area. This project will connect two offices together internally to create a suite area that staff in that department will utilize – a benefit to both the staff and the children they support.
3. An amount totaling \$140,000 for two projects requested by the Board of Education, including replacing the concrete at the TIS Main Entrance and paving the TMS Bus Lot.
4. Replacement of Cargo Van #75, which is used on a daily basis for maintenance operations on all public facilities, for \$43,267.
5. \$461,469 in non-referendum notes or bonds to replace a Front End Loader, Truck #53, Service Truck 450, and four Zero Turn Exmark Mowers.
6. One request from the Fire Department to be funded out of its Ambulance Reserve Fund to replace Ambulance 640 for \$285,000.
7. \$151,800 in non-referendum notes or bonds to fund an expansion of the rear parking lot of Cross Farms, as well as reclaiming, repaving, curbing, and fencing. This is the area located by the Disc Golf/Soccer fields.
8. \$40,000 from the CNRE to fund a new playground at Crandall Park. Some playground equipment is being moved and repurposed from the old Birch Grove School playground, saving us more than \$70,000.
9. There are several trees within the Town that have been damaged by insect infestation that are safety concerns. \$70,000 of State grant funds have been programmed to address this issue.
10. \$44,500 to replace the roof of the Jail Museum building, utilizing LOCIP Grant award money.

It is important to highlight too the Firehouse Improvement Capital Project that is being recommended in the amount of \$5,000,000 in referendum bonds, for a future referendum to be held in May 2021. This project's scope of work was designed and refined by an engineering consultant whom we engaged using capital dollars from the current year's plan. As part of the consultant's mission, the firm, working with

the Public Safety Department, the Department of Public Works, and the Town Manager, defined exactly what improvements this project will cover. Broadly speaking, Fire Station 140 will be improved by fixing its crumbling foundation issue, as well as several maintenance upgrades including bringing its bathrooms and kitchen up to ADA requirements, electrical and drain work, extending service bays, and adding additional building space. Fire Stations 340 and 440 are better suited to be demolished and replaced with pre-engineered metal buildings. The placeholder number of \$3,000,000 that had been in our capital budget plan for the past few years was too low to appropriately address the needs of this project.

I have included with the Five-Year Plan as attachments the Equipment Aging Schedule for Highway and Parks Department equipment as well as the complete list of Board of Education Capital requests.

Over a number of years, the Town has made a major investment in the construction and maintenance of facilities, including Town and Board of Education buildings. We are in the fifth year of the \$9.6 million bond issue for school improvements, and similar investments have been made in the Town's infrastructure, consisting primarily of roads, bridges, and drainage, as well as in the Town's heavy equipment rolling stock. I recognize that in difficult financial times, it is often found to be easy to reduce mill rates by reducing capital budgets. However, by deferring needed projects, capital purchase costs continue to rise, borrowing costs increase, and infrastructure continues to deteriorate. Overall borrowing rates are very favorable at the moment, and we are fortunate that we have maintained our triple-A bond rating to-date. We need to carefully balance how much we are planning to spend, with both our debt service plan and our cash reserves, so that we do not jeopardize our strong financial status.

The Town's ability to bond to a greater extent for other improvements over the next several years is in large amount made possible due to a declining debt schedule and use of the recently established debt service reserve. Any authorized debt financing will be structured to minimize the impact on the next fiscal year's budget. Debt burden for Tolland, according to the Standard and Poors Rating Agency, "is adequate and the overall debt is low at 3% of market value. We expect the Town to issue several million dollars in new money debt annually as part of its capital program, but do not expect that to affect our view of debt profile." Non-referendum borrowing is permissible in the next year pursuant to the Town Charter not to exceed \$2,302,505 which is 5% of the current grand levy as of FY 2020-21. The Town's Financial Advisor would like to present the updated Debt Management Plan, which takes into consideration the borrowing that I have recommended over the five years of the Plan at a Council meeting in February. Attached is a summary of debt service, which includes the impact of the financing I have recommended in the Five Year Capital Plan. Included within this assumption are other previously approved projects and the recommended Five Year Capital Plan. The additional amount borrowed in this assumption is approximately \$19,185,000 over the next five years, with \$4,592,609 of this amount as previously approved debt, and an additional \$14,592,391 as part of this five-year Capital Improvement Plan. Due to planned use of our Debt Service Reserve Fund and use of anticipated bond premiums, the 2021/2022 Debt Service budget will increase by \$50,000.

In Year 2022-23, our debt service budget projections show an increase of \$100,000 followed by two additional increases of \$50,000 in Year 2023-24 and \$50,000 in Year 2024-25. This

is mainly due to the impact of the demolition and construction of Birch Grove School. Starting in Year 2025-26 the Town Council can decide if it wants to reduce the debt service budget and reallocate a portion of the differential towards reserves to pay for future Capital projects on a pay-as-you-go basis. These estimates are very preliminary.

The Town has approximately 132 miles of road for which it is responsible. It is the Town's goal to extend as long as possible the useful life of a road before complete reconstruction is required. The Town engaged VHB Engineering Services to implement an automated road management program. This program involves the review of all 132 miles of road and the development of a standard database that can be used to recommend priorities for future maintenance work. The results of the study were used this past year to determine priorities for road improvements and will continue to be used in the future. Each year we try to allocate approximately \$1 million towards road improvements. I am including \$800,000 next year for road maintenance from borrowed funds approved in the November 2018 referendum, and \$236,500 from State grants to meet our annual goal.

The Town of Tolland entered into an inter-municipal agreement several years ago with the Town of Vernon to provide treatment of the Town's sewer system sewage. This agreement requires that the Town must pay for any improvements to the Vernon Treatment plant based on a percentage share. The State and Federal Governments are requiring that the Vernon plant have some major upgrades that are estimated to be over \$69.5 million. The Town budget will be impacted by this additional debt. The Town's portion of this debt is \$3,298,110. This will be paid over 20 years.

Capital equipment is another area of immediate concern with many of the pieces being operated as first line equipment well beyond their useful life. The cost to keep this equipment on the road is extremely high and the excessive amount of downtime of the equipment can impact the effectiveness of Town operations. As part of this memo, I am providing you with a complete listing of all Town rolling stock and its normal useful life. You will see that the Town normally keeps equipment well beyond its useful life, which does create significant maintenance and operation concerns. Replacement costs for equipment such as a plow truck are in the \$200,000 range, making it difficult to budget for more than one large piece of equipment per year. As part of this memo, I have provided for you a replacement and rotation plan for staff vehicles, which maximizes utilization of such vehicles so that their useful life is between 8-12 years.

Also included as part of this memo is Charter-required information on the estimated operation expense for new facilities, or additions to facilities, recommended in the Plan. Town staff stands ready at any time to discuss the details of this plan and looks forward to continued dialogue on the importance of properly investing in the upkeep of the Town's capital needs. The Public Hearing on the Capital Budget is scheduled for February 11, 2021.

cc: Lisa A. Hancock  
Dr. Walter Willett  
Department Heads

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**FIVE YEAR CAPITAL IMPROVEMENT PLAN  
BUDGET SUMMARIES FOR FISCAL YEARS 2021-2022 THROUGH 2025-2026**  
*Italic indicates the recurring projects*

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds for next budget	FY 2021-2022	FY 2022-2023	FY 2023-2024	FY 2024-2025	FY 2025-2026	Funding Totals FY 2022-2026
<b>TOWN ADMINISTRATION</b>								
Town Administration								
<i>Replacement of Light Duty Vehicles - Town</i>	<i>118,308</i>		<i>25,854</i>	<i>25,854</i>	<i>22,200</i>	<i>22,200</i>	<i>22,200</i>	<i>118,308</i>
<i>Replacement of Light Duty Vehicles - BOE</i>	<i>42,644</i>		<i>12,786</i>	<i>12,786</i>	<i>17,072</i>			<i>42,644</i>
Town of Vernon Water Pollution Control Facility Plan	3,298,110	256,246	185,002	134,906	164,906	164,906	164,906	1,070,872
<b>SUBTOTAL TOWN ADMINISTRATION</b>	<b>3,459,062</b>	<b>256,246</b>	<b>223,642</b>	<b>173,546</b>	<b>204,178</b>	<b>187,106</b>	<b>187,106</b>	<b>1,231,824</b>
<b>BOARD OF EDUCATION</b>								
Board of Education								
TIS Concrete Main Entrance	30,000		30,000					30,000
TMS Bus Lot Paving	110,000		110,000					110,000
TIS Special Education Area Renovation	15,000		15,000					15,000
District Wide Wireless Access Point Upgrades	130,800			130,800				130,800
TIS Hobart High Dishwasher & Sink Station	44,539			44,539				44,539
District Wide Artillery Lift	80,000			80,000				80,000
TIS Oven/Steamer Combo	44,839			44,839				44,839
TMS Track Re-Surface	140,000			140,000				140,000
TIS Modular Roof Replacement	45,000				45,000			45,000
TIS Nurse's Area Addition/Renovation	41,000					41,000		41,000
TMS Caf� Tables	48,000					48,000		48,000
TMS Track	350,000					350,000		350,000
<b>SUBTOTAL BOARD OF EDUCATION</b>	<b>1,079,178</b>	<b>0</b>	<b>155,000</b>	<b>440,178</b>	<b>45,000</b>	<b>0</b>	<b>439,000</b>	<b>1,079,178</b>

FIVE YEAR CAPITAL IMPROVEMENT PLAN								
BUDGET SUMMARIES FOR FISCAL YEARS 2021-2022 THROUGH 2025-2026								
<i>Italics indicates the recurring projects</i>								
PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	FY 2021-2022	FY 2022-2023	FY 2023-2024	FY 2024-2025	FY 2025-2026	Funding Totals FY 2022-2026
<b>CAPITAL EQUIPMENT</b>								
Capital Equipment								
<i>Replacement of Light Duty Vehicles</i>	<i>78,311</i>		<i>14,862</i>	<i>14,862</i>	<i>14,862</i>	<i>14,862</i>	<i>18,863</i>	<i>78,311</i>
Cargo Van #75 (Parks)	43,267		43,267					43,267
Front End Loader	275,000		275,000					275,000
Replacement of Truck #53	73,783		73,783					73,783
72" Exmark Mowers (4)	55,440		55,440					55,440
Replacement of Service Truck 450	57,246		57,246					57,246
Replacement of Truck #38	103,499		103,499					103,499
16' Toro Mower	114,345		114,345					114,345
Replacement of Truck #68	84,700		84,700					84,700
Replacement of Truck #10	42,350		42,350					42,350
New Remote Controlled Mower	54,750		54,750					54,750
Pick Up Truck #56	42,350		42,350		42,350			42,350
Replacement of Truck #27	198,000		198,000		198,000			198,000
Sweeper	275,000		275,000		275,000			275,000
Van Con	450,000		450,000		450,000			450,000
Replacement of Truck #64	46,000		46,000		46,000			46,000
Used Road Grader	90,000		90,000				90,000	90,000
Replacement of Truck #21	225,000		225,000				225,000	225,000
Replacement of Roadside Mower	185,000		185,000				185,000	185,000
<b>SUBTOTAL CAPITAL EQUIPMENT</b>	<b>2,494,041</b>	<b>0</b>	<b>519,598</b>	<b>414,506</b>	<b>530,212</b>	<b>510,862</b>	<b>518,863</b>	<b>2,494,041</b>
<b>FIRE AND AMBULANCE</b>								
Fire and Ambulance								
<i>Contribution to Emergency Services Equipment Reserve</i>								
Replacement of Ambulance 640	285,000		285,000					285,000
Replacement of ET-540	750,000		750,000					750,000
Replacement of Ambulance 540	280,000		280,000					280,000
Refurbishment of ET-240	170,000		170,000					170,000
Replacement of Engine Tank 340	750,000		750,000		750,000			750,000
Refurbish Tank 140	85,000		85,000		85,000			85,000
Replacement of Engine Tank 440	760,000		760,000		760,000			760,000
Refurbish Tank 440	85,000		85,000		85,000			85,000
Replacement of Truck 240	1,350,000		1,350,000				1,350,000	1,350,000
Replacement of Personal Protective Equipment	50,000		50,000				50,000	50,000
<b>SUBTOTAL FIRE AND AMBULANCE</b>	<b>4,565,000</b>	<b>0</b>	<b>285,000</b>	<b>1,200,000</b>	<b>835,000</b>	<b>845,000</b>	<b>1,400,000</b>	<b>4,565,000</b>

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
BUDGET SUMMARIES FOR FISCAL YEARS 2021-2022 THROUGH 2025-2026							
<i>Italics indicated recurring projects</i>							
PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	FY 2021-2022	FY 2022-2023	FY 2023-2024	FY 2024-2025	FY 2025-2026
<b>PARKS AND RECREATION</b>							
Parks and Recreation							
New Playground at Crandall Park	40,000		40,000				
Crack Repair/Resurface Tennis Courts-Old Cathole Road	67,124		67,124				
Artificial Turf Replacement (IHS)	825,000			825,000			
New Pickleball Courts at Heron Cove	173,250				173,250		
<b>SUBTOTAL PARKS AND RECREATION</b>	<b>1,105,374</b>	<b>0</b>	<b>40,000</b>	<b>825,000</b>	<b>173,250</b>	<b>0</b>	<b>1,105,374</b>
<b>PUBLIC FACILITIES</b>							
Public Facilities							
Firehouse Improvement Implementation	5,000,000		5,000,000				
Jail Museum Roof Replacement	44,500		44,500				
Pole Sheds	88,000		88,000				
Shingled Roof at Highway Garage	44,000		44,000				
Emergency Generator for Highway Garage	49,500			49,500			
Retrofit Emergency Generator for P & F Garage	16,500			16,500			
Parks & Facilities Garage Upgrade	750,000				750,000		
Arts Building Roof	65,000					65,000	
<b>SUBTOTAL PUBLIC FACILITIES</b>	<b>6,057,500</b>	<b>0</b>	<b>5,044,500</b>	<b>132,000</b>	<b>66,000</b>	<b>750,000</b>	<b>65,000</b>
<b>PUBLIC WORKS</b>							
Public Works							
Tree Trimming	350,000		70,000	70,000	70,000	70,000	70,000
<b>SUBTOTAL PUBLIC WORKS</b>	<b>350,000</b>	<b>0</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>
<b>STREETS AND ROADS</b>							
Construction and Reconstruction							
<i>Drainage Construction and Design</i>	294,648		102,735	91,913	50,000	50,000	0
Pavement Management							
Road Improvements	10,000,000	1,795,000	800,000	795,000	820,000	790,000	5,000,000
Cross Farms Parking Lot (Rear)	151,800		151,800				
<i>Various Roads</i>	1,249,077		236,500	205,000	268,913	219,929	318,735
<b>SUBTOTAL STREETS AND ROADS</b>	<b>11,695,525</b>	<b>1,795,000</b>	<b>1,291,035</b>	<b>1,091,913</b>	<b>1,138,913</b>	<b>1,059,929</b>	<b>5,318,735</b>
<b>CIP GRAND TOTALS</b>	<b>30,805,680</b>	<b>2,051,246</b>	<b>7,628,775</b>	<b>3,589,267</b>	<b>3,714,303</b>	<b>3,596,147</b>	<b>7,998,704</b>
							<b>28,578,442</b>

# **YEAR 1**

# **2021-2022**



**YEAR I CAPITAL BUDGET SUMMARY**

**FISCAL YEAR 2021-2022**

YEAR 1 CAPITAL BUDGET FUNDING CATEGORIES	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve		Other Funding Sources/ Appr Bonds
<b>PROJECTED AVAILABILITY OF CAPITAL FUNDS</b> =====>	2,051,246	197,213	621,996	0	753,269	5,800,000	114,984	338,751	0	0	828,756	0	10,706,215
<b>TOWN ADMINISTRATION</b>													
Town Administration	256,246	124,084	99,558	0	0	0	0	0	0	0	0	0	479,888
<b>BOARD OF EDUCATION</b>													
Board of Education	0	15,000	0	0	140,000	0	0	0	0	0	0	0	155,000
<b>CAPITAL EQUIPMENT</b>													
Capital Equipment	0	58,129	0	0	461,469	0	0	0	0	0	0	0	519,598
<b>FIRE AND AMBULANCE</b>													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	285,000	0	0	285,000
<b>PARKS AND RECREATION</b>													
Parks and Recreation	0	0	40,000	0	0	0	0	0	0	0	0	0	40,000
<b>PUBLIC FACILITIES</b>													
Public Facilities	0	0	0	0	0	5,000,000	44,500	0	0	0	0	0	5,044,500
<b>PUBLIC WORKS</b>													
Tree Trimming	0	0	0	0	0	0	0	70,000	0	0	0	0	70,000
<b>STREETS AND ROADS</b>													
Construction and Reconstruction	0	0	0	0	0	0	0	102,735	0	0	0	0	102,735
Pavement Management	1,795,000	0	0	0	151,800	800,000	70,484	166,016	0	0	0	0	2,983,300
<b>SUMMARY PROJECT TOTALS</b>	2,051,246	197,213	139,558	0	753,269	5,800,000	114,984	338,751	0	0	285,000	0	9,680,021
<b>FUNDING SOURCE VARIANCES</b>	0	0	482,438	0	0	0	0	0	0	0	543,756	0	1,026,194









FUNCTION FY 2021-2022 Capital Budget - Year 1	ACTIVITY Parks and Recreation		PROGRAM Parks and Recreation										CODE			
	Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals	
<p><b>New Playground at Crandall Park</b>            The current playground is over 20 years old. Parts are in need of repair. Due to the age of the unit, replacement parts are nearly impossible to get. We will be moving some playground equipment from the old Birch Grove School playground and will be installing new swings and other equipment cost includes transportation of and installation of Birch Grove equipment and purchase and installation of remaining new equipment.            If this project were to be done without the use of the Birch Grove equipment, the cost would have been \$112,000.</p>	40,000			40,000											40,000	
<b>TOTAL PARKS AND RECREATION</b>		40,000	0	0	40,000	0	0	0	0	0	0	0	0	0	0	40,000

FUNCTION FY 2021-2022 Capital Budget - Year 1	ACTIVITY Public Facilities	PROGRAM Public Facilities										CODE 2050-00					
		Estimated Project Cost	C A P I T A L B U D G E T F U N D I N G S O U R C E S						F U N D I N G S O U R C E S				Funding Totals				
			Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes Bonds	LOCIP Grant	TAR Grant	State & Federal Grants			School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Project Description																	
<b>Replacement of Jail Museum Roof</b> Re-roofing of the Jail Museum building. Due to the age of the shingles and the flat roof dictates that the existing roofing needs to be stripped, covered with water and ice protection and re-shingled.	44,500									44,500							44,500
<b>Firehouse Improvement Implementation Phase</b> During this phase the Town will award a contract for the implementation of the approved plans that have been designed for each of the three rehuses (140, 340 & 440). (Referendum required - May, 2021)	5,000,000					5,000,000											5,000,000
<b>TOTAL PUBLIC FACILITIES</b>	<b>5,044,500</b>	0	0	0	0	0	0	0	0	44,500	0	0	0	0	0	0	<b>5,044,500</b>







FUNCTION FY 2021-2022 Capital Budget - Year 1	ACTIVITY Streets and Roads	PROGRAM Pavement Management	CODE 2060-00	CAPITAL BUDGET FUNDING SOURCES														
				Estimated Project Cost	FUNDING SOURCES										Funding Totals			
					Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes Bonds	LOGIP Grant	TAR Grant	State & Federal Grants	School Const Grant		Ambul Reserve	Other Funding Sources/ Appr Bonds	
<b>Pavement Management</b> Roads will be repaired according to the automated pavement management system recommendations. This process includes a variety of techniques ranging from crack sealing, chip sealing and thin overlay to total reconstruction.	236,500											70,484	166,016					236,500
<b>Road Improvements</b> Bond referendum for road improvements over six years pursuant to the Town's Debt Management Plan. (Referendum from November, 2018)	5,000,000	1,795,000						800,000										2,595,000
<b>Debt Management Plan:</b> Year One: FY 2019/2020 - \$1,000,000 Year Two: FY 2020/2021 - \$795,000 Year Three: FY 2021/2022 - \$800,000 Year Four: FY 2022/2023 - \$795,000 Year Five: FY 2023/2024 - \$820,000 Year Six: FY 2024/2025 - \$790,000																		
<b>Cross Farms Parking Lot (Rear)</b> The rear lot located by the Disc Golf/Soccer fields is in need of expansion as well as being reclaimed and repaved. Included in this project will be the necessary curbing and wooden rail fencing to protect the surrounding areas.	151,800									151,800								151,800
<b>TOTAL PAVEMENT MANAGEMENT</b>	5,388,300	1,795,000						800,000				70,484	166,016					2,983,300

# **YEAR 2**

# **2022-2023**

**YEAR 2 CAPITAL BUDGET SUMMARY  
FISCAL YEAR 2022-2023**

YEAR 2 CAPITAL BUDGET FUNDING CATEGORIES	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve		Other Funding Sources/ Appr Bonds
<b>PROJECTED AVAILABILITY OF CAPITAL FUNDS</b> ⇨	3,036,248	329,508	522,438	67,124	1,492,722	795,000	114,984	339,929	0	0	768,756	0	7,466,709
<b>TOWN ADMINISTRATION</b>													
Town Administration	441,248	173,546	0	0	0	0	0	0	0	0	0	0	614,794
<b>BOARD OF EDUCATION</b>													
Board of Education	0	0	0	0	440,178	0	0	0	0	0	0	0	440,178
<b>CAPITAL EQUIPMENT</b>													
Capital Equipment	0	111,962	0	0	302,544	0	0	0	0	0	0	0	414,506
<b>FIRE AND AMBULANCE</b>													
Fire and Ambulance	0	0	0	0	750,000	0	0	0	0	0	450,000	0	1,200,000
<b>PARKS AND RECREATION</b>													
Parks and Recreation	0	0	0	67,124	0	0	0	0	0	0	0	0	67,124
<b>PUBLIC FACILITIES</b>													
Public Facilities	0	44,000	0	0	0	88,000	0	0	0	0	0	0	132,000
<b>PUBLIC WORKS</b>													
Tree Trimming	0	0	0	0	0	0	0	70,000	0	0	0	0	70,000
<b>STREETS AND ROADS</b>													
Construction and Reconstruction	0	0	0	0	0	0	91,913	0	0	0	0	0	91,913
Pavement Management	2,595,000	0	0	0	0	795,000	26,984	178,016	0	0	0	0	3,595,000
<b>SUMMARY PROJECT TOTALS</b>	3,036,248	329,508	522,438	67,124	1,492,722	795,000	114,984	339,929	0	0	450,000	0	6,625,515
<b>FUNDING SOURCE VARIANCES</b>	0	0	522,438	0	0	0	0	0	0	0	318,756	0	841,194

FUNCTION FY 2022-2023 Capital Budget - Year 2	ACTIVITY Town Administration										PROGRAM Town Administration					CODE 2000-00 Funding Totals
	Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	CAPITAL BUDGET			FUNDING SOURCES			Ambul Reserve	Other Funding Sources/ Appt Bonds			
						Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants			School Const Grant		
<b>Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation</b> Funds for municipal vehicle replacement.	25,854	25,854		25,854											25,854	
<b>List of Town Vehicles:</b> 2020 Ford Explorer - Building Inspection (7 years)** 2020 GMC Acadia - Public Works Director (7 years)** 2021 F-150 Pickup Truck - Canine 2013 Ford Explorer - Pool/Planner 2011 Ford Explorer - Recreation 2015 Ford Explorer - Pool 2015 Ford Explorer - Assessor 2016 Mini-Van - Elderly 2020 Chevy Tahoe - Fire Marshal																
<b>List of Board of Education Vehicles:</b> 2012 Ford F-150 Pickup 2015 Ford F-250 Pickup 2008 Ford E-250 Van	12,786	12,786		12,786											12,786	
<b>Town of Vernon Water Pollution Control Plant Upgrade Facility Plan</b> Annual payments as defined by our Inter-Municipal agreement with the Town of Vernon, Tolland is responsible for 5.63% of the prospective costs of the improvements. Payments will be made over 20 years. The total project cost is approximately \$81 million which will be partially funded by grants. Tolland's estimated share over 20 years is \$3,298,110. (using \$30,000 offset from FY 21-22 in FY 22-23)	3,298,110	441,248		134,906											576,154	
<b>General Fund pays:</b> Year One: FY 2020/2021 - \$192,706 Year Two: FY 2021/2022 - \$218,542 Year Three: FY 2022/2023 - \$164,906 Year Four: FY 2023/2024 - \$164,906 Year Five: FY 2024/2025 - \$164,906																
<b>TOTAL TOWN ADMINISTRATION</b>	3,336,750	441,248		173,546											614,794	

N\*\* These vehicles are the only ones that get replaced on a seven year cycle. Their replacements go into the pooled vehicles.

FUNCTION FY 2022-2023 Capital Budget - Year 2	ACTIVITY Board of Education		PROGRAM Board of Education							CODE 2010-06 Funding Totals				
	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant		State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds
<p><b>District Wide Wireless Access Point Upgrades</b> By the year 2022, the District's Wireless Access Points will be 5 years old. By this point, it's very likely that new wireless standards will provide increased capacity and bandwidth. This increased bandwidth is likely to be necessary, as the amount of data needed for classrooms, labs and on-line testing is likely to increase as well. (Bond will only be issued for 5 years)</p>	130,800					130,800								130,800
<p><b>BOE Equipment</b></p>	169,378					169,378								169,378
<p><b>TIS Hobart High Temp Conveyor Dishwasher and Sink Station (\$44,539)</b> The purchase of a dishwasher at TIS would eliminate the need for polystyrene trays to be used at the school. CT legislation has already banned single use containers made of polystyrene for restaurants and caterers. Schools may be required to do so in the future. Alternative trays are far more costly than polystyrene. Additional environmental benefits include minimizing water usage. With new models being more energy efficient, they use considerably less water than older machines. There is no question that the equipment going through the dishwasher will be clean and sanitized using less manpower and overall at less cost than single use trays.</p>														
<p><b>District-Wide Artillery Lift (Used) (\$80,000)</b> The purchase of a used diesel artillery lift in the 50' to 60' use range. The BOE has consistently engaged in numerous projects related to masonry, exterior caulking, painting, lighting repair, roof-top mechanicals, flag poles, surveillance, athletic field projects, etc. These types of projects have resulted in the following rental fees over the last 3 years: 2018 - \$5,200, 2019 - \$5,200, 2020 - \$8,100 for a total of \$18,500. Furthermore, the BOE incurred outside vendor expenses to repair the flagpole at THS, install cameras at THS, caulk the greenhouse at THS, replace broken windows at TIS, replace inoperable photocells on site lighting at TMS, replace inoperable LED site pole heads at BGP all of which required the use of a lift that drove the costs of these repairs much higher.</p>														
<p><b>THS Oven/Steamer Combo (\$44,839)</b> The purchase of a new combination oven at the Tolland High School would eliminate excessive future repair costs and unexpected down time of this unit. The existing combination oven was purchased for the high school when it was originally built. The Food Services Department has incurred over \$6,000 in repairs to this oven in recent years. It is the primary piece of equipment for preparing student meals.</p>														



FUNCTION FY 2022-2023 Capital Budget - Year 2	ACTIVITY Capital Equipment				PROGRAM Capital Equipment							CODE 2020-00				
	Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants		School Const Grant	Ambul Reserve	Other Funding Sources/ Appt Bonds	Funding Totals
<b>Capital Equipment</b>		302,544					302,544									302,544
<b>Replacement of Truck #38 (Parks) (\$103,499)</b> This vehicle is used as a front line vehicle for snow removal operations as well as being used on a daily basis during the field maintenance season. The current vehicle is a 2004 Ford F-350 that has 71,402 miles on it. We intend to purchase a new plow and sander for this truck off of the CT State Bid.																
<b>16' Toro Mower (\$114,345)</b> This piece of equipment is used on a daily basis for the cutting of our municipal and Board of Education fields. Because of the size of this mower we are capable of cutting a larger area per pass thereby increasing our daily production. The current mower is a 2010 (12) Toro 590 with a 16' cutting path. It has approximately 2,300 hours on the unit and is in fair condition.																
<b>Replacement of Truck #68 (Parks) (\$84,700)</b> This vehicle is used as a front line vehicle for snow removal operations as well as being used on a daily basis during the field maintenance season. The current vehicle is a 2007 Ford F-550 that is in fair condition and has 59,653 miles on it. We intend to purchase a new plow and sander for this truck off of the CT State Bid.		42,350		42,350												42,350
<b>Replacement of Truck #10 (Highway)</b> This vehicle is used primarily as a vehicle for transportation of the crew during our construction season. The current vehicle is a 2007 Ford F-250 that has 111,435 miles on it and is in fair condition. We intend to purchase this vehicle from the CT State Bid.																
<b>Purchase of New Remote Controlled Mower</b> This is a new purchase of a piece of equipment needed to mow areas that have a slope of greater than 15% on municipal properties and Board of Education grounds.																
<b>Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation</b> Funds for municipal vehicle replacement.																
<b>List of Public Works Vehicles:</b> 2018 F-250 Pickup Truck - Highway Supervisor 2018 F-250 Pickup Truck - Parks Supervisor 2022 F-350 Truck - Operations Manager																
<b>TOTAL CAPITAL EQUIPMENT</b>		414,506	0	111,962	0	0	302,544	0	0	0	0	0	0	0	0	414,506



FUNCTION FY 2022-2023 Capital Budget - Year 2	ACTIVITY Fire and Ambulance										PROGRAM Fire and Ambulance					CODE 2030-00 Funding Totals	
	Project Description	Estimated Project Cost	EXISTING FUNDS			CAPITAL BUDGET				FUNDING SOURCES			Ambul Reserve	Other Funding Sources/ Appr Bonds			
			Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant					
<b>Refurbishment of ET-240</b> This truck will need the pump and tank overhauled to extend the life expectancy. The truck will also have all of the mechanical components inspected and if necessary repaired (the engine, transmission, brakes, suspension and radiator). Any necessary bodywork will be completed to eliminate electrolysis on the body and frame. This truck is located at Station 240 on Rhodes Road. The department was confident that a refurbishment could extend the useful life of this apparatus an additional 10 years, however, recent wear and tear and corrosion has taken a turn on this piece of apparatus and we are currently having it evaluated. (If new one is needed, the price will be \$750,000)	170,000												170,000		170,000		
<b>Replacement of Ambulance 540</b> Standard 5 year replacement program. The department currently has two ambulances. One is located at Station 140, 64 Crystal Lake Road and the other is located at Station 240, 3 Rhodes Road. Each ambulance geographically covers one half of the town. All new equipment needs to be purchased at the same time for example, stretchers, radios, AEDs and ePCR laptops. The capital replacement cost takes those expenses into consideration. This ambulance has gone with one re-mount cycle saving approximately half the cost of purchasing a new ambulance. The cab and chassis was purchased with the intention of re-purposing it when the ambulance module completes this duty cycle. The ambulance module can be sold to another agency and the revenue can be used to repurpose the cab and chassis into another mission for the department.	280,000												280,000		280,000		
<b>Replacement of ET-540</b> This truck was delivered in 1988. The truck was built on a commercial vehicle chassis. The truck was refurbished in 2005. That refurbishment added approximately 15 years of usable service life of the truck. This truck has a 1,000 gallon tank and a 1,500 gpm pump. The department will consider increasing the tank size when specifying the replacement truck. The vehicle is currently located at the Plains Road firehouse.	750,000							750,000							750,000		
<b>TOTAL FIRE AND AMBULANCE</b>	1,200,000	0	0	0	0	0	0	750,000	0	0	0	0	0	0	450,000	0	1,200,000

FUNCTION FY 2022-2023 Capital Budget - Year 2	ACTIVITY Parks and Recreation		CAPITAL BUDGET FUNDING SOURCES							PROGRAM Parks and Recreation				CODE 2040-00	
	Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/	Funding Totals
Crack Repair/Resurface Tennis Courts on Old Cathole Road The tennis courts were reconstructed back in 2007. Since then, cracks have formed and the center strap mounts have lifted. The courts should be repaired and resurfaced.	67,124				67,124										67,124
<b>TOTAL PARKS AND RECREATION</b>	<b>67,124</b>	0	0	0	67,124	0	0	0	0	0	0	0	0	0	<b>67,124</b>

FUNCTION FY 2022-2023 Capital Budget - Year 2	ACTIVITY Public Facilities										PROGRAM Public Facilities										CODE 2050-00 Funding Totals
	Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES																		
			Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds							
<b>Shingled Roof at Highway Garage</b> The existing shingled portion of the roof on the Highway Garage is in need of replacement. The roof is approximately 35-40 years old and is in poor condition. It was not included as a part of the renovation project that was completed last year.	44,000	44,000																		44,000	
<b>Pole Sheds for Highway Garage</b> There are currently eight to ten pieces of "off season" equipment being stored outside in the elements due to a lack of room inside the facility. Even with the recent addition to the Highway Garage there is insufficient space to protect this equipment during the winter. These two pole sheds will be utilized as "cold" storage to keep these vehicles/equipment out of the harsh environment that tends to shorten their useful lives.	88,000											88,000								88,000	
<b>TOTAL PUBLIC FACILITIES</b>	132,000	44,000	0	0	0	0	0	0	0	0	0	88,000	0	0	0	0	0	0	0	132,000	





FUNCTION FY 2022-2023 Capital Budget - Year 2	ACTIVITY Streets and Roads	PROGRAM Pavement Management	CODE 2060-00	CAPITAL BUDGET FUNDING SOURCES											Funding Totals		
				Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant		Ambul Reserve	Other Funding Sources/ Appr Bonds
<b>Pavement Management</b> Roads will be repaired according to the automated pavement management system recommendations. This process includes a variety of techniques ranging from crack sealing, chip sealing and thin overlay to total reconstruction.	205,000								26,984	178,016							205,000
<b>Road Improvements</b> Bond referendum for road improvements over six years pursuant to the Town's Debt Management Plan. (Referendum, November 2018)  Debt Management Plan: Year One: FY 2019/2020 - \$1,000,000 Year Two: FY 2020/2021 - \$795,000 Year Three: FY 2021/2022 - \$800,000 Year Four: FY 2022/2023 - \$795,000 Year Five: FY 2023/2024 - \$820,000 Year Six: FY 2024/2025 - \$790,000	5,000,000	2,595,000					795,000										3,390,000
<b>TOTAL PAVEMENT MANAGEMENT</b>	<b>5,205,000</b>	<b>2,595,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>795,000</b>	<b>26,984</b>	<b>178,016</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,595,000</b>

# **YEAR 3**

# **2023-2024**

YEAR 3 CAPITAL BUDGET SUMMARY FISCAL YEAR 2023-2024													
YEAR 3 CAPITAL BUDGET FUNDING CATEGORIES	CAPITAL BUDGET FUNDING SOURCES												
	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS	3,966,154	306,390	522,438	0	2,048,000	820,000	114,984	339,929	0	0	543,756	0	8,661,651
TOWN ADMINISTRATION													
Town Administration	576,154	204,178	0	0	0	0	0	0	0	0	0	0	780,332
BOARD OF EDUCATION													
Board of Education	0	45,000	0	0	0	0	0	0	0	0	0	0	45,000
CAPITAL EQUIPMENT													
Capital Equipment	0	57,212	0	0	473,000	0	0	0	0	0	0	0	530,212
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	750,000	0	0	0	0	0	85,000	0	835,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	825,000	0	0	0	0	0	0	0	825,000
PUBLIC FACILITIES													
Public Facilities	0	0	0	0	0	0	66,000	0	0	0	0	0	66,000
PUBLIC WORKS													
Tree Trimming	0	0	0	0	0	0	0	70,000	0	0	0	0	70,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	0	50,000	0	0	0	0	50,000
Pavement Management	3,390,000	0	0	0	0	820,000	48,984	219,929	0	0	0	0	4,478,913
SUMMARY PROJECT TOTALS	3,966,154	306,390	522,438	0	2,048,000	820,000	114,984	339,929	0	0	85,000	0	7,680,457
FUNDING SOURCE VARIANCES	0	0	0	0	0	0	0	0	0	0	458,756	0	981,194





FUNCTION FY 2023-2024 Capital Budget - Year 3	ACTIVITY Board of Education		PROGRAM Board of Education										CODE 2010-06 Funding Totals
	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
<p><b>TIS Modular Roof Replacement</b>  The TIS portable classrooms were installed in 2003-2004 before the high school was built and utilized for education up until about 2010. They have now been designated as district storage for school supplies, science curriculum materials, as well as storage for all community-based programs such as Project Graduation, Tolland Youth Services, etc. This 8-room structure is about 7,500 square feet and the roof is comprised of an EPDM (rubber) style roof with a 20 year warranty. By 2024, that roof should plan on being replaced or overlaid with another course of EPDM product.</p>	45,000	45,000											45,000
<b>TOTAL BOARD OF EDUCATION</b>	0	45,000	0	0	0	0	0	0	0	0	0	0	45,000





FUNCTION FY 2023-2024 Capital Budget - Year 3	ACTIVITY Parks and Recreation		PROGRAM Parks and Recreation							CODE 2040-00			
	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants		School Const Grant	Ambul Reserve	Other Funding Sources/
<p>Project Description</p> <p><b>Artificial Turf Replacement (Tolland High School)</b>  The artificial turf field at the High School has reached the end of its useful life. It is now time to replace it. Seams are lifting and there is significant wear and tear. Two inspections by qualified firms confirm that it will require replacement this year.</p>	Estimated Project Cost				825,000								825,000
<b>TOTAL PARKS AND RECREATION</b>													
	825,000	0	0	0	825,000	0	0	0	0	0	0	0	825,000

FUNCTION FY 2023-2024 Capital Budget - Year 3	PROJECT DESCRIPTION	ESTIMATED PROJECT COST	ACTIVITY Public Facilities										FUNDING TOTALS	CODE 2050-00			
			CAPITAL BUDGET					FUNDING SOURCES									
			Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOICP Grant	TAR Grant	State & Federal Grants	School Const Grant			Ambul Reserve	Other Funding Sources/ Appr Bonds	
	<b>Emergency Generator for Highway Garage</b> The existing generator dates back to the late 60's or early 70's and it is not capable of handling the current load demand since the expansion of the Highway facility. This facility provides fuel to the DPW fleet as well as the Fire Department, Ambulances and the school busses. It is in fair to poor condition.	49,500									49,500						49,500
	<b>Retrofit Emergency Generator for Parks &amp; Facilities Garage</b> The current generator is used as an emergency power source when it is available for the P&F garage. It's primary function is to provide power to the two wells located on North River Road during power outages. We have a used generator from Birch Grove School that we intend to retrofit for use as a permanent source of emergency power.	16,500									16,500						16,500
	<b>TOTAL PUBLIC FACILITIES</b>	66,000	0	0	0	0	0	0	0	0	66,000	0	0	0	0	0	66,000







FUNCTION FY 2023-2024 Capital Budget - Year 3	ACTIVITY Streets and Roads		PROGRAM Pavement Management										CODE 2060-00					
	Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES										Funding Totals					
			Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant		Ambul Reserve	Other Funding Sources/ Appr Bonds			
<b>Pavement Management</b> Roads will be repaired according to the automated pavement management system recommendations. This process includes a variety of techniques ranging from crack sealing, chip sealing and thin overlay to total reconstruction.	268,913											48,984	219,929					268,913
<b>Road Improvements</b> Bond referendum for road improvements over six years pursuant to the Town's Debt Management Plan. (Referendum, November 2018)	5,000,000	3,390,000								820,000								4,210,000
Debt Management Plan: Year One: FY 2019/2020 - \$1,000,000 Year Two: FY 2020/2021 - \$795,000 Year Three: FY 2021/2022 - \$800,000 Year Four: FY 2022/2023 - \$795,000 Year Five: FY 2023/2024 - \$820,000 Year Six: FY 2024/2025 - \$790,000																		
<b>TOTAL PAVEMENT MANAGEMENT</b>	<b>5,268,913</b>	<b>3,390,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>820,000</b>	<b>48,984</b>	<b>219,929</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,478,913</b>

# **YEAR 4**

# **2024-2025**

YEAR 4 CAPITAL BUDGET SUMMARY FISCAL YEAR 2024-2025													
YEAR 4 CAPITAL BUDGET FUNDING CATEGORIES	CAPITAL BUDGET FUNDING SOURCES												
	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
<b>PROJECTED AVAILABILITY OF CAPITAL FUNDS</b> →	4,951,060	247,968	522,438	0	2,008,337	790,000	124,913	339,929	0	0	633,756	0	9,618,401
<b>TOWN ADMINISTRATION</b>													
Town Administration	741,060	187,106	0	0	0	0	0	0	0	0	0	0	928,166
<b>BOARD OF EDUCATION</b>													
Board of Education	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>CAPITAL EQUIPMENT</b>													
Capital Equipment	0	60,862	0	0	450,000	0	0	0	0	0	0	0	510,862
<b>FIRE AND AMBULANCE</b>													
Fire and Ambulance	0	0	0	0	760,000	0	0	0	0	85,000	0	0	845,000
<b>PARKS AND RECREATION</b>													
Parks and Recreation	0	0	0	0	48,337	0	124,913	0	0	0	0	0	173,250
<b>PUBLIC FACILITIES</b>													
Public Facilities	0	0	0	0	750,000	0	0	0	0	0	0	0	750,000
<b>PUBLIC WORKS</b>													
Tree Trimming	0	0	0	0	0	0	0	70,000	0	0	0	0	70,000
<b>STREETS AND ROADS</b>													
Construction and Reconstruction	0	0	0	0	0	0	0	50,000	0	0	0	0	50,000
Pavement Management	4,210,000	0	0	0	0	790,000	0	219,929	0	0	0	0	5,219,929
<b>SUMMARY PROJECT TOTALS</b>	4,951,060	247,968	522,438	0	2,008,337	790,000	124,913	339,929	0	0	85,000	0	8,547,207
<b>FUNDING SOURCE VARIANCES</b>	0	0	0	0	0	0	0	0	0	0	548,756	0	1,071,194

FUNCTION FY 2024-2025 Capital Budget - Year 4	ACTIVITY Town Administration										PROGRAM Town Administration										CODE 2000-00 Funding Totals	
	Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES										Funding Totals									
			Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant		Ambul Reserve	Other Funding Sources/ Appr Bonds							
<b>Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation</b> Funds for municipal vehicle replacement.  <b>List of Town Vehicles:</b> 2020 Ford Explorer - Building Inspection (7 years)** 2020 GMC Acadia - Public Works Director (7 years)** 2021 F-150 Pickup Truck - Canine 2013 Ford Explorer - Pool Planner 2011 Ford Explorer - Recreation 2015 Ford Explorer - Pool 2015 Ford Explorer - Assessor 2016 Mini-Van - Elderly 2020 Chevy Tahoe - Fire Marshal	22,200	22,200																			22,200	
<b>List of Board of Education Vehicles:</b> 2012 Ford F-150 Pickup 2015 Ford F-250 Pickup 2008 Ford E-250 Van  ** These vehicles are the only ones that get replaced on a seven year cycle. Their replacements go into the pooled vehicles.	0	0																				0
<b>Town of Vernon Water Pollution Control Plant Upgrade Facility Plan</b> Annual payments as defined by our Inter-Municipal agreement with the Town of Vernon, Tolland is responsible for 5 63% of the prospective costs of the improvements. Payments will be made over 20 years. The total project cost is approximately \$81 million which will be partially funded by grants. Tolland's estimated share over 20 years is \$3,298,110.  General Fund pays: Year One: FY 2020/2021 - \$192,706 Year Two: FY 2021/2022 - \$218,542 Year Three: FY 2022/2023 - \$164,906 Year Four: FY 2023/2024 - \$164,906 Year Five: FY 2024/2025 - \$164,906 Year Six: FY 2025/2026 - \$164,906	3,298,110	741,060	164,906																			905,966
<b>TOTAL TOWN ADMINISTRATION</b>	3,320,310	741,060	187,106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	928,166





FUNCTION FY 2024-2025 Capital Budget - Year 4	ACTIVITY Fire and Ambulance	PROGRAM Fire and Ambulance	CODE 2030-00	CAPITAL BUDGET FUNDING SOURCES										Funding Totals											
				Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIIP Grant	TAR Grant	State & Federal Grants	School Const Grant		Ambul Reserve	Other Funding Sources/ Appr Bonds									
	Estimated Project Cost																								
	760,000																								760,000
<b>Replacement of Engine Tank 440</b> Replace with a modern type of apparatus that is called squad or rescue pumper that allows both firefighting and rescue capabilities, with limited man power and newer advancements in the fire industry. This is the direction the department should take. This type of apparatus is most beneficial fiscally and strategically.																									
	85,000																								85,000
<b>Refurbish Tank 440</b> 2003 tanker needs to overhaul suspension, brakes, springs, mechanical and may need body work.																									
	845,000																								845,000
<b>TOTAL FIRE AND AMBULANCE</b>																									845,000





FUNCTION FY 2024-2025 Capital Budget - Year 4	ACTIVITY Public Facilities		PROGRAM Public Facilities							CODE 2050-00					
	Project Description	Estimated Project Cost	CAPITAL BUDGET		FUNDING SOURCES			Other Funding Sources/ Appr Bonds	Funding Totals						
			General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds				LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve
<p><b>Parks &amp; Facilities Garage Upgrade</b>            The P&amp;F building is not large enough to accommodate all of their equipment and supplies. It is unable to provide the proper rest areas for the crew during emergency events as well as a clean and safe environment for meeting or eating due to space limitations. The proposed building would be constructed on the Town property to the north of the existing building. The current garage next door could then be better utilized by the crew for projects requiring a clean/safe environment. The existing building would be renovated to provide an office for the Mechanic as well as providing more indoor storage of the equipment.</p>	750,000	0	0	0	0	0	0	0	0	0	0	0	0	0	750,000
<b>TOTAL PUBLIC FACILITIES</b>	750,000	0	0	0	0	0	0	0	0	0	0	0	0	0	750,000





FUNCTION FY 2024-2025 Capital Budget - Year 4	ACTIVITY Streets and Roads	PROGRAM Pavement Management	CODE 2060-00	CAPITAL BUDGET FUNDING SOURCES														
				Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds		
																	Funding Totals	
<b>Pavement Management</b> Roads will be repaired according to the automated pavement management system recommendations. This process includes a variety of techniques ranging from crack sealing, chip sealing and thin overlay to total reconstruction.	219,929																219,929	219,929
<b>Road Improvements</b> Bond referendum for road improvements over six years pursuant to the Town's Debt Management Plan. (Referendum, November 2018)  Debt Management Plan: Year One: FY 2019/2020 - \$1,000,000 Year Two: FY 2020/2021 - \$795,000 Year Three: FY 2021/2022 - \$800,000 Year Four: FY 2022/2023 - \$795,000 Year Five: FY 2023/2024 - \$820,000 Year Six: FY 2024/2025 - \$790,000	5,000,000	4,210,000							790,000									5,000,000
<b>TOTAL PAVEMENT MANAGEMENT</b>	5,219,929	4,210,000	0	0	0	0	0	790,000	0	0	0	0	0	0	0	0	219,929	5,219,929

# **YEAR 5**

# **2025-2026**

**YEAR 5 CAPITAL BUDGET SUMMARY**

**FISCAL YEAR 2025-2026**

**CAPITAL BUDGET FUNDING SOURCES**

YEAR 5 CAPITAL BUDGET FUNDING CATEGORIES	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOICP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
<b>PROJECTED AVAILABILITY OF CAPITAL FUNDS</b> ⇨	905,966	205,969	522,438	0	2,289,000	5,000,000	114,984	338,751	0	0	723,756	0	10,100,864
<b>TOWN ADMINISTRATION</b>													
Town Administration	905,966	187,106	0	0	0	0	0	0	0	0	0	0	1,093,072
<b>BOARD OF EDUCATION</b>													
Board of Education	0	0	0	0	439,000	0	0	0	0	0	0	0	439,000
<b>CAPITAL EQUIPMENT</b>													
Capital Equipment	0	18,863	0	0	500,000	0	0	0	0	0	0	0	518,863
<b>FIRE AND AMBULANCE</b>													
Fire and Ambulance	0	0	0	0	1,350,000	0	0	0	0	0	50,000	0	1,400,000
<b>PARKS AND RECREATION</b>													
Parks and Recreation	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>PUBLIC FACILITIES</b>													
Public Facilities	0	0	0	0	0	65,000	0	0	0	0	0	0	65,000
<b>PUBLIC WORKS</b>													
Tree Trimming	0	0	0	0	0	0	70,000	0	0	0	0	0	70,000
<b>STREETS AND ROADS</b>													
Construction and Reconstruction	0	0	0	0	0	0	0	0	0	0	0	0	0
Pavement Management	0	0	0	0	0	5,000,000	49,984	268,751	0	0	0	0	5,318,735
<b>SUMMARY PROJECT TOTALS</b>	905,966	205,969	522,438	0	2,289,000	5,000,000	114,984	338,751	0	0	50,000	0	8,904,670
<b>FUNDING SOURCE VARIANCES</b>	0	0	0	0	0	0	0	0	0	0	673,756	0	1,196,194









FUNCTION FY 2025-2026 Capital Budget - Year 5	ACTIVITY Fire and Ambulance	PROGRAM Fire and Ambulance										CODE 2030-00				
		Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES					FUNDING SOURCES					Funding Totals			
			Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants			School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds
<b>Replacement of Truck 240</b> This truck will be replaced with a 95ft-105ft Aerial Platform Truck which will make it a safer operation for personnel and crews.	1,350,000					1,350,000										1,350,000
<b>Replacement of Personnel Protective Equipment</b> Replacement of Personnel Protective Equipment. Includes helmets, hoods, jackets, gloves, pants and boots to comply with NFPA 1851. Firefighter's personal protective equipment is not certified for use 10 years after the date of manufacturing or sooner depending on the exposures. Need to replace fourteen sets of gear.	50,000														50,000	50,000
<b>TOTAL FIRE AND AMBULANCE</b>	1,400,000	0	0	0	0	1,350,000	0	0	0	0	0	0	0	0	50,000	1,400,000

FUNCTION FY 2025-2026 Capital Budget - Year 5	ACTIVITY Parks and Recreation	PROGRAM Parks and Recreation										CODE 2040-00													
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant		Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals										
		Estimated Project Cost																							
		NO NEW FY 2025-2026 PROJECTS FOR PARKS AND RECREATION																							
		<b>TOTAL PARKS AND RECREATION</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FUNCTION FY 2021-2022 Capital Budget - Year 5	ACTIVITY Public Facilities		PROGRAM Public Facilities										CODE 2050-00		
	Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant		Ambul Reserve	Other Funding Sources/ Appr Bonds
Arts Building Roof The current roof on the Arts Building is in need of replacement. At this point we are providing an approximate estimate for the proposed work.	65,000								65,000						65,000
<b>TOTAL PUBLIC FACILITIES</b>		<b>65,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,000</b>





FUNCTION FY 2025-2026 Capital Budget - Year 5	ACTIVITY Streets and Roads	PROGRAM Pavement Management										CODE 2060-00 Funding Totals			
		Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	CAPITAL BUDGET FUNDING SOURCES						
									LOCI Grant	TAR Grant	State & Federal Grants		School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds
<b>Pavement Management</b> Roads will be repaired according to the automated pavement management system recommendations. This process includes a variety of techniques ranging from crack sealing, chip sealing and thin overlay to total reconstruction.	318,735							49,984	268,751						318,735
<b>Road Improvements</b> Bond referendum for road improvements over five years pursuant to the Town's Debt Management Plan. <b>(Referendum from November, 2024)</b>  Debt Management Plan: Year One: FY 2025/2026 - \$1,000,000 Year Two: FY 2026/2027 - \$1,000,000 Year Three: FY 2027/2028 - \$1,000,000 Year Four: FY 2028/2029 - \$1,000,000 Year Five: FY 2029/2030 - \$1,000,000	5,000,000						5,000,000								5,000,000
<b>TOTAL PAVEMENT MANAGEMENT</b>	<b>5,318,735</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>49,984</b>	<b>268,751</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,318,735</b>

**Town of Tolland  
Departmental Capital Projects Update As of 9.23.2020**

**Department: Board of Education**

**Division: Central Office**

**Prepared By: Walter Willett Superintendent**

**Date Prepared: September 23, 2020**

**\*\* BOE Proj/Town Capital Funds Carried from FY18  
Town Bonded Projects FY19-21  
BOE Capital Requests FY20-26  
BOE Capital Projects Funded by USIF**

**When Opportunity Arises**

Dept. Priority	Project Title	FY 2021	FY 2022	FY 2023	FY2024	FY2025	FY2026	TOTAL	WOA
HIGH	TMS Paving of parking lot (exclud access Rd & exit)	259,310						259,310	
HIGH	TMS Gym floor	25,000						25,000	
HIGH	Dist Wide IT School Surveillance & Access Contol Sys	35,000						35,000	
MEDIUM	THS VCT Tile replacements Multi-areas	10,000	10,000					20,000	
MEDIUM	Dist Wide BOE office Window replace Sept 20	8,400						8,400	
MEDIUM	Dist Wide BOE Park lot repave town bonded 10/20	90,000						90,000	
MEDIUM	THS Boiler Water Filtration System	85,000						85,000	
MEDIUM	TMS and TIS Geothermal Purge Cart	4,000						4,000	
MEDIUM	THS Security Panel/Burglar system		15,000					15,000	
MEDIUM	TMS Library and Main Office carpet			26,950				26,950	
MEDIUM	TIS Window Glass Replacements		16,850					16,850	
MEDIUM	THS,TMS,TIS Interior LED Upgrades Dec 20	343,000						343,000	
MEDIUM	TIS Concrete Front Main Entry		30,000					30,000	
MEDIUM	TMS Auditorium/Stage Curtains		12,000					12,000	
MEDIUM	TMS Bus Lot Paving		110,000					110,000	
MEDIUM	THS Special Ed Re-design		15,000					15,000	
MEDIUM	BOE-Artillery Lift		80,000					80,000	
CRITICAL	BGP(New school) Radio System		15,000					15,000	
MEDIUM	TIS Basement Custodial Closet			15,000				15,000	
MEDIUM	TIS Kitchen Grease Trap Interceptor			10,000				10,000	
MEDIUM	TMS Track Re-surface			140,000				140,000	
MEDIUM	TMS Stage Risers			46,000				46,000	
HIGH	Dist Wide Wireless Access Point Upgrades			130,800				130,800	
MEDIUM	TIS Modular Roof Replacement				45,000			45,000	
MEDIUM	TIS Nurse Re-design				41,000			41,000	
MEDIUM	TMS Café Tables				48,000			48,000	
MEDIUM	THS Track					350,000		350,000	
MEDIUM	TIS Hobart HighTempConveyorDishwasher&Sink Sta	\$44,539						44,539	
MEDIUM	THS Oven/Steamer Combo		\$44,839					44,839	
HIGH	THS Roof Replacement						5,500,000	5,500,000	
MEDIUM	TIS Replacement Ceiling Tile (Building wide)	318,000						318,000	
MEDIUM	TMS Replacement Ceiling Tile (Building wide)	318,000						318,000	
HIGH	THS Classroom Tech Upgrades								126,122
MEDIUM	THS STEM/Math Enhancement								50,000
HIGH	THS Business Lab Upgrade								16,125
HIGH	TMS Classroom Tech Upgrades								93,000
HIGH	THS Science Lab Tech Upgrades								56,761
MEDIUM	TMS STEM/Math Enhancement								30,000
HIGH	TIS Classroom Tech Upgrades								107,590
HIGH	TIS Science Lab Tech Upgrades								34,071
MEDIUM	TMS Computer Ed Labs Upgrade								75,450
MEDIUM	THS World Language Lab Upgrade								23,640
MEDIUM	TMS Art & Music Labs Upgrade								35,173
MEDIUM	TMS Replacement Science Lab Furniture								36,380
MEDIUM	TMS Renovation of 6 Science Labs								1,060,000
MEDIUM	TMS Technology Ed Labs Upgrade								26,240
MEDIUM	TIS Computer Ed Lab Upgrade								14,818
MEDIUM	TIS Keyboarding Lab Upgrade								38,853
MEDIUM	TIS Library Lab Upgrade								24,308
MEDIUM	THS CADD Lab Upgrade								22,728
HIGH	DR Server Upgrades								15,413

<b>BOE TOTAL CAPITAL PROJECTS w/o WOA</b>	<b>\$1,540,249</b>	<b>\$348,689</b>	<b>\$368,750</b>	<b>\$134,000</b>	<b>\$350,000</b>	<b>\$5,500,000</b>	<b>\$8,241,688</b>	<b>\$1,886,672</b>
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<b>BOE CAPITAL PROJECTS REQUESTED</b>	<b>\$237,939</b>	<b>\$348,689</b>	<b>\$368,750</b>	<b>\$134,000</b>	<b>\$350,000</b>	<b>\$5,500,000</b>	<b>\$6,939,378</b>
<b>BOE CAPITAL PROJECTS BONDED BY TOWN</b>	<b>\$636,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$636,000</b>
<b>BOE CAPITAL PROJECTS "WOA"</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,886,672</b>
<b>BOE CAPITAL PROJECTS TO BE FUNDED BY USIF</b>	<b>\$347,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$347,000</b>
<b>BOE Proj/Town Capital Funds Carried from FY18</b>	<b>\$319,310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$319,310</b>

<b>ALL CAPITAL PROJECTS</b>	<b>\$1,540,249</b>	<b>\$348,689</b>	<b>\$368,750</b>	<b>\$134,000</b>	<b>\$350,000</b>	<b>\$5,500,000</b>	<b>\$10,128,360</b>
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Note: **\*\* BOE Proj/Town Capital Funds Carried from FY18  
Projects Funded Per L Hancock TC agenda item of 5.14.19**



## Equipment Aging Schedule for Units Assigned to Highway Division

2021/2022 proposed 5 year CIP

updated as of .....

Vehicle/Equip #	Description	Year	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29
<b>Trucks:</b>										
12 TOL	International 4700 (Tree Truck)	2000	21	22	23	24	25	26	27	28
64 TOL	Ford F250	2002	19	20	new					
35 TOL	Western Star Dump	2002	new							
8 TOL	Ford Utility (new body in 2018)	2003/2018	new							
9 TOL	Ford F150	2003								
23 TOL	Mack 10 Wheel (refurbished 2015)	2004	17	18	19	20	21	22	23	24
33 TOL	Mack Dump	2005								
10 TOL	Ford F250 P/U	2007	15	15	new					
25 TOL	Ford D-550 Dump	2007								
14 TOL	GMC 7500	2008	13	14	15	15	16	17	18	19
21 TOL	Mack Dump	2008	13	14	15	15	16	17	18	19
27 TOL	International 7400	2008	13	14	15	15	16	17	18	19
31 TOL	International 7400	2009	12	13	14	15	16	17	18	19
26 TOL	International 7400	2012	10	11	12	13	14	15	16	17
32 TOL	International 7400	2012	10	11	12	13	14	15	16	17
51 TOL	International 7400	2013	9	10	11	12	13	14	15	16
28 TOL	International 7400	2014	8	9	10	11	12	13	14	15
11 TOL	Ford F350	2015	7	8	9	10	11	12	13	14
13 TOL	Ford F350 Rack Body	2015	7	8	9	10	11	12	13	14
2 TOL	Ford F350	2015	7	8	9	10	11	12	13	14
24 TOL	International 7400	2016	6	7	8	9	10	11	12	13
6 TOL	International Low Pro 4300	2016	6	7	8	9	10	11	12	13
4 TOL	Ford F250	2018	3	4	5	6	7	8	9	10
29 TOL	International 7400	2018	3	4	5	6	7	8	9	10
30 TOL	International 7400	2018	3	4	5	6	7	8	9	10
<b>Scheduled Replacements:</b>										
9 TOL	Ford F250	2020	1	2	3	4	5	6	7	8
33 TOL	Mack Dump- Refurbishing	2020	1	2	3	4	5	6	7	8
25 TOL	Ford D-550 Dump	2020	1	2	3	4	5	6	7	8
35 TOL	International 7400	2021	new	1	2	3	4	5	6	7
8 TOL	Ford Utility	2021	new	1	2	3	4	5	6	7
64 TOL	Ford F250	2023			new	1	2	3	4	5
10 TOL	Ford F250 P/U	2023			new	1	2	3	4	5
<b>Heavy Equipment:</b>										
	Cat Grader	1972	49	50	51	52	53	54	55	56
7 TOL	Vac-All	2000	21	22	23	24	25	26	27	28
20 TOL	Cat 938 Loader	2002	19	new						
19 TOL	Elgin Sweeper	2003	18	19	20	21	22	23	24	25
	Paver (used)	2007	14	15	16	17	18	19	20	21
	Roadside Mower	2010	11	12	13	14	15	16	17	18
	Hyundai Excavator 4500	2011	11	12	13	14	15	16	17	18
17 TOL	Cat Loader 924	2014	8	9	10	11	12	13	14	15
22 TOL	Cat Backhoe	2014	8	9	10	11	12	13	14	15
	Wacker Pro-Line Roller	2017	4	5	6	7	8	9	10	11
<b>Scheduled Replacements:</b>										
20 TOL	Front End Loader	2022		new						
	Big Truck						3 years past recommended end of service			
	Low Profile Dump						4 years or more past recommended end of service			
	Small Dump						scheduled for replacement			
	Pick Up w/Utility Body									
	Pick Up									

## Equipment Aging Schedule for Units Assigned to Parks & Facilities Divis

2021/2022 proposed 5 year CIP

updated as of .....

Vehicle/Equip #	Description	Year	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29
<b>Trucks:</b>										
37 TOL	GMC 3500	2003	18	19	20		22	23	24	25
38 TOL	Ford F550	2004	17	new	1	2	3	4	5	6
56 TOL	Ford F250	2006	12	13	new	1	2	3	4	5
53 TOL	Ford F450	2007	new	1	2	3	4	5	6	7
81 TOL	Ford F250	2007								
68 TOL	Ford F550	2007	14	new	1	2	3	4	5	6
75 TOL	3/4 Ton Van	2008	new	1	2	3	4	5	6	7
55 TOL	Ford F450	2011	11	12	13	14	15	16	17	18
63 TOL	Ford F250 (mechanics truck)	2019	1	2	3	4	5	6	7	8
50 TOL	Ford F550	2015	7	8	9	10	11	12	13	14
80 TOL	Ford F550	2016	5	6	7	8	9	10	11	12
39 TOL	International 4300 Durastar	2017	4	5	6	7	8	9	10	11
3 TOL	Ford F250	2018	3	4	5	6	7	8	9	10
<b>Scheduled Replacements:</b>										
81 TOL	Ford F250	2019	2	3	4	5	6	7	8	9
75 TOL	3/4 Ton Van	2021	new	1	2	3	4	5	6	7
53 TOL	Ford F450	2021	new	1	2	3	4	5	6	7
38 TOL	Ford F550	2022		new	1	2	3	4	5	6
68 TOL	Ford F550	2022		new	1	2	3	4	5	6
56 TOL	Ford F250	2023			new	1	2	3	4	5
<b>Equipment:</b>										
	Ford Tractor	1970	41	42	43	44	45	46	47	47
	Sweepstar	1991	30	31	32	33	34	35	36	36
	Easy Rake	1998	23	24	25	26	27	28	29	29
	Gravely Snow Blower	1999	22	23	24	25	26	27	28	28
	Gravely Snow Blower	1999	22	23	24	25	26	27	28	28
	John Deere Tractor	2001	20	21	22	23	24	25	26	26
	Easy Rake	2001	20	21	22	23	24	25	26	26
	Skidsteer New Holland 180	2001								
	Easy Rake	2005	17	18	19	20	21	22	23	23
	Lazer Lawnmower	2005	17	18	19	20	21	22	23	23
	Gravely Snow Blower	2005	17	18	19	20	21	22	23	23
	Cat Loader	2006	16	17	18	19	20	21	22	22
	Gravely Snow Blower	2007	15	16	17	18	19	20	20	20
	Lazer Lawnmower	2007	15	16	17	18	19	20	20	20
	Kubota tractor	2007								
	4000 Lawnmower	2007	15	16	17	18	19	20	20	20
	Line Painter	2008	16	17	18	19	20	21	22	23
	Skidsteer New Holland 170	2011	11	12	13	14	15	16	17	18
	Toro 5910 Mower	2010	11	new	1	2	3	4	5	6
	Ventrix mower/thrower	2013	10	11	12	13	14	15	16	16
	ExMark Lazer Lawnmower	2014	new	1	2	3	4	5	6	7
	ExMark Lazer Lawnmower	2014	new	1	2	3	4	5	6	7
	ExMark Lazer Lawnmower	2014	new	1	2	3	4	5	6	7
	ExMark Lazer Lawnmower	2014	new	1	2	3	4	5	6	7
	Easy Rake/Smithco Groomer	2015	6	7	8	9	10	11	12	12
	Line Painter	2017	4	5	6	7	8	9	10	10
	Toro Mower	2018	3	4	5	6	7	8	9	10
	60" Exmark Mower	2018	3	4	5	6	7	8	9	10
	Remote Control Mower	2022		new	1	2	3	4	5	6
<b>Scheduled Replacements:</b>										
	Mini Excavator	2019	2	3	4	5	6	7	8	9
	Skidsteer New Holland 180	2020	1	2	3	4	5	6	7	8
	ExMark Lazer Lawnmower	2021	new	1	2	3	4	5	6	7
	ExMark Lazer Lawnmower	2021	new	1	2	3	4	5	6	7
	ExMark Lazer Lawnmower	2021	new	1	2	3	4	5	6	7
	ExMark Lazer Lawnmower	2021	new	1	2	3	4	5	6	7
	Toro 5910 Mower	2022		new	1	2	3	4	5	6
	Small Dump							3 years past recommended end of service		
	Low Profile Dump							4+ years recommended end of service		
	Pick Up							scheduled for replacement		
	Van									

updated 11/2020	POOL VEHICLE REPLACEMENT SCHEDULE							
Pool Vehicles	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
<b>Public Works Director</b>	2015 Ford Explorer to Assessor							New Vehicle
		2020 GMC Acadia						
<b>Building Inspector</b>	2013 Ford Explorer to Development							New Vehicle
		2020 Ford Explorer						
<b>Elderly Outreach</b>	2016 Dodge Caravan							
<b>Canine</b>	2010 F150	New Vehicle						
<b>Fire Marshall</b>	2011 Expedition							
<b>Assessor</b>	2006 Liberty surplus	2015 Ford Explorer to Assessor						
		2006 Liberty surplus						
<b>Recreation</b>	2006 Cherokee	2010 Ford Explorer						
		2006 Cherokee to P&F						
<b>Community Development</b>	2007 Liberty Surplus	2013 Ford Explorer						
		2007 Liberty Surplus						
<b>Fire Dept</b>	2006 Grand Cherokee							
<b>Pool Car #1</b>	2015 Ford Explorer							
<b>BOARD OF ED</b>								
<b>BOE #1</b>	2012 Ford F150 Pick up			New Vehicle				
<b>BOE #2</b>	2015 Ford F250 Pick up				New Vehicle			
<b>BOE #3</b>	2008 Ford 3/4 Van				New Vehicle			

**Town of Tolland, Connecticut  
Five Year Capital Improvement Plan  
Debt Issuance Assumptions  
Sep-21**

	Remaining Authorized But Not Issued	Capital Needs From CIP FY 21-22 Plan	Total Cash Needs
Year 1 - FY 2020-21	\$ 1,983,782	3,753,269	\$ 5,737,051
Year 2 - FY 2021-22	795,000	3,492,722	4,287,722
Year 3 - FY 2022-23	820,000	2,048,000	2,868,000
Year 4 - FY 2023-24	790,000	2,008,337	2,798,337
Year 5 - FY 2024-25	203,827	3,290,063	3,493,890
	<b>\$ 4,592,609</b>	<b>\$ 14,592,391</b>	<b>\$ 19,185,000</b>

YEAR 1  
YEAR 2  
YEAR 3  
YEAR 4  
YEAR 5

<b>Amount Issued</b>	
5,735,000	Issue BANS - Sept 2021
<b>10,025,000</b>	<b>Issue Bonds - Sept 2022</b>
2,865,000	Issue BANS - Sept 2023
<b>5,665,000</b>	<b>Issue Bonds - Sep 2024</b>
3,495,000	Issue BANS - Sept 2024
<b>3,495,000</b>	<b>Issue Bonds - Sep 2025</b>
-	
<b>\$ 19,185,000</b>	Total amount Bonded

**Town of Tolland, Connecticut  
Existing & Proposed Debt Service  
Nov-20**

**Existing General Fund Only Debt Service**

**Proposed Debt Service ==>**

Fiscal Year	Existing General Fund Principal	Existing GF Interest	TOTAL General Fund Debt (excludes Sewer Assessment Debt & 2011 & 2016 Energy Leases)	Annual Change in Existing Debt Service	Proposed Debt Service			\$10,025,000 Bonds Dated Sept 2022 Term: 20 Years Rate: 3.00%			\$2,865,000 BANS Dated: 9/23 Due: 9/24 1.5% Interest	\$5,665,000 Bonds Dated Sept 2024 Term: 20 Years Rate: 3.25%			\$3,495,000 BANS Dated: 9/24 Due: 9/25 1.5% Interest	
					\$12,670,000 BANS Dated: 9/19 Due: 9/20 2.00% Interest	\$4,505,000 BANS Dated: 9/20 Due: 9/21 1.25% Interest	\$5,735,000 BANS Dated: 9/21 Due: 9/22 1.00% Interest	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
2020	3,370,737	1,133,425	4,504,161	35,209	-	-	-	-	-	-	-	-	-	-	-	-
2021	3,365,737	1,157,829	4,523,565	19,404	251,992	-	-	-	-	-	-	-	-	-	-	-
2022	3,875,047	1,207,464	5,082,511	558,945	-	56,156	-	-	-	-	-	-	-	-	-	-
2023	3,676,667	1,039,492	4,716,159	(366,352)	-	-	57,350	-	150,375	150,375	-	-	-	-	-	-
2024	3,705,667	885,087	4,590,754	(125,404)	-	-	-	500,000	293,175	793,175	-	-	-	-	-	-
2025	3,523,667	749,058	4,272,725	(318,029)	-	-	-	500,000	278,025	778,025	42,975	-	92,056	92,056	-	-
2026	3,062,667	633,003	3,695,670	(577,054)	-	-	-	500,000	262,875	762,875	-	285,000	179,481	464,481	69,900	-
2027	2,075,000	547,538	2,622,538	(1,073,133)	-	-	-	500,000	247,725	747,725	-	285,000	170,219	455,219	-	-
2028	1,840,000	480,688	2,320,688	(301,850)	-	-	-	500,000	232,575	732,575	-	285,000	160,956	445,956	-	-
2029	1,430,000	425,238	1,855,238	(465,450)	-	-	-	500,000	217,500	717,500	-	285,000	151,694	436,694	-	-
2030	1,425,000	382,088	1,807,088	(48,150)	-	-	-	500,000	202,500	702,500	-	285,000	142,431	427,431	-	-
2031	1,425,000	343,388	1,768,388	(38,700)	-	-	-	500,000	187,500	687,500	-	285,000	133,169	418,169	-	-
2032	1,300,000	307,188	1,607,188	(161,200)	-	-	-	500,000	172,500	672,500	-	285,000	123,906	408,906	-	-
2033	1,300,000	273,000	1,573,000	(34,188)	-	-	-	500,000	157,500	657,500	-	285,000	114,644	399,644	-	-
2034	1,300,000	238,325	1,538,325	(34,675)	-	-	-	500,000	142,500	642,500	-	285,000	105,381	390,381	-	-
2035	1,300,000	203,650	1,503,650	(34,675)	-	-	-	500,000	127,500	627,500	-	285,000	96,119	381,119	-	-
2036	1,295,000	168,050	1,463,050	(40,600)	-	-	-	500,000	112,500	612,500	-	285,000	86,856	371,856	-	-
2037	915,000	138,200	1,053,200	(409,850)	-	-	-	500,000	97,500	597,500	-	285,000	77,594	362,594	-	-
2038	915,000	115,513	1,030,513	(22,688)	-	-	-	500,000	82,500	582,500	-	285,000	68,331	353,331	-	-
2039	915,000	92,825	1,007,825	(22,688)	-	-	-	505,000	67,500	572,500	-	280,000	59,150	339,150	-	-
2040	910,000	69,650	979,650	(28,175)	-	-	-	505,000	52,500	557,500	-	280,000	50,050	330,050	-	-
2041	910,000	45,675	955,675	(23,975)	-	-	-	505,000	37,500	542,500	-	280,000	40,950	320,950	-	-
2042	385,000	26,950	411,950	(543,725)	-	-	-	505,000	22,500	527,500	-	280,000	31,850	311,850	-	-
2043	385,000	13,475	398,475	(13,475)	-	-	-	505,000	7,500	512,500	-	280,000	22,750	302,750	-	-
2044	-	-	-	(398,475)	-	-	-	-	-	-	-	280,000	13,650	293,650	-	-
2045	-	-	-	-	-	-	-	-	-	-	-	280,000	4,550	284,550	-	-
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>44,605,187</b>	<b>10,676,795</b>	<b>55,281,982</b>		<b>251,992</b>	<b>56,156</b>	<b>57,350</b>	<b>10,025,000</b>	<b>3,152,250</b>	<b>13,177,250</b>	<b>42,975</b>	<b>5,665,000</b>	<b>1,925,788</b>	<b>7,590,788</b>	<b>69,900</b>	

Town of Tolland, Connecticut  
Existing & Proposed Debt Service  
Nov-20  
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Fiscal Year	\$3,495,000 Bonds Dated Sept 2025 Term: 20 Years Rate: 3.50%			Total Proposed Principal	Total Proposed Interest	Total Proposed Debt Service (CIP)	Projected Bond & BAN Premiums	Existing Plus Proposed DS & Contribution	Amount Budgeted for Debt Service	Annual \$ Change of budget	Budget vs. Actual contribution/use Debt Svc Fund	Debt Service Fund - Balance	Annual \$ Change of Existing Plus Proposed Debt Service	Annual % Change of Existing Plus Proposed Debt Service	Mill Rate to pay Debt Service
	Principal	Interest	Total												
2020	-	-	-	-	-	-	-	4,504,161	4,550,000	0	45,839	1,343,795			3.55
2021	-	-	-	-	251,992	251,992	-	4,775,558	4,600,000	50,000	(175,558)	1,168,237	271,396	6.03%	3.60
2022	-	-	-	-	56,156	56,156	50,000	5,138,667	4,650,000	50,000	(488,667)	729,571	363,109	7.60%	3.61
2023	-	-	-	-	207,725	207,725	225,000	4,923,884	4,750,000	100,000	(173,884)	780,687	(214,783)	-4.18%	3.66
2024	-	-	-	500,000	293,175	793,175	50,000	5,383,929	4,800,000	50,000	(583,929)	246,758	460,046	9.34%	3.67
2025	-	-	-	500,000	413,056	913,056	200,000	5,185,781	4,850,000	50,000	(335,781)	110,978	(198,148)	-3.68%	3.68
2026	-	61,163	61,163	785,000	573,419	1,358,419	200,000	5,054,089	4,800,000	(50,000)	(254,089)	56,889	(131,692)	-2.54%	3.62
2027	175,000	119,263	294,263	960,000	537,206	1,497,206	-	4,119,744	4,700,000	(100,000)	580,256	637,145	(934,345)	-18.49%	3.51
2028	175,000	113,138	288,138	960,000	506,669	1,466,669	-	3,787,356	4,600,000	(100,000)	812,644	1,449,789	(332,388)	-8.07%	3.41
2029	175,000	107,013	282,013	960,000	476,206	1,436,206	-	3,291,444	4,600,000	0	1,308,556	2,758,345	(495,913)	-13.09%	3.39
2030	175,000	100,888	275,888	960,000	445,819	1,405,819	-	3,212,906	4,600,000	0	1,387,094	4,145,439	(78,538)	-2.39%	3.36
2031	175,000	94,763	269,763	960,000	415,431	1,375,431	-	3,143,819	4,600,000	0	1,456,181	5,601,620	(69,088)	-2.15%	3.34
2032	175,000	88,638	263,638	960,000	385,044	1,345,044	-	2,952,231	4,600,000	0	1,647,769	7,249,389	(191,588)	-6.09%	3.31
2033	175,000	82,513	257,513	960,000	354,656	1,314,656	-	2,887,656	4,600,000	0	1,712,344	8,961,732	(64,575)	-2.19%	3.29
2034	175,000	76,388	251,388	960,000	324,269	1,284,269	-	2,822,594	4,600,000	0	1,777,406	10,739,139	(65,063)	-2.25%	3.26
2035	175,000	70,263	245,263	960,000	293,881	1,253,881	-	2,757,531	4,600,000	0	1,842,469	12,581,607	(65,063)	-2.31%	3.24
2036	175,000	64,138	239,138	960,000	263,494	1,223,494	-	2,686,544	4,600,000	0	1,913,456	14,495,064	(70,988)	-2.57%	3.22
2037	175,000	58,013	233,013	960,000	233,106	1,193,106	-	2,246,306	4,600,000	0	2,353,694	16,848,757	(440,238)	-16.39%	3.19
2038	175,000	51,888	226,888	960,000	202,719	1,162,719	-	2,193,231	4,600,000	0	2,406,769	19,255,526	(53,075)	-2.36%	3.17
2039	175,000	45,763	220,763	960,000	172,413	1,132,413	-	2,140,238	4,600,000	0	2,459,763	21,715,289	(52,994)	-2.42%	3.14
2040	175,000	39,638	214,638	960,000	142,188	1,102,188	-	2,081,838	4,600,000	0	2,518,163	24,233,451	(58,400)	-2.73%	3.12
2041	175,000	33,513	208,513	960,000	111,963	1,071,963	-	2,027,638	4,600,000	0	2,572,363	26,805,814	(54,200)	-2.60%	3.10
2042	175,000	27,388	202,388	960,000	81,738	1,041,738	-	1,453,688	4,600,000	0	3,146,313	29,952,126	(573,950)	-28.31%	3.08
2043	175,000	21,263	196,263	960,000	51,513	1,011,513	-	1,409,988	4,600,000	0	3,190,013	33,142,139	(43,700)	-3.01%	3.05
2044	175,000	15,138	190,138	455,000	28,788	483,788	-	483,788	4,600,000	0	4,116,213	37,258,351	(926,200)	-65.69%	3.03
2045	175,000	9,013	184,013	455,000	13,563	468,563	-	468,563	4,600,000	0	4,131,438	41,389,789	(15,225)	-3.15%	3.01
2046	170,000	2,975	172,975	170,000	2,975	172,975	-	172,975	4,600,000	0	4,427,025	45,816,814	(295,588)	-63.08%	2.98
2047	-	-	-	-	-	-	-	-	4,600,000	0	4,600,000	50,416,814	(172,975)	-100.00%	2.96
2048	-	-	-	-	-	-	-	-	4,600,000	0	4,600,000	55,016,814	0	#DIV/0!	2.94
2049	-	-	-	-	-	-	-	-	4,600,000	0	4,600,000	59,616,814	0	#DIV/0!	2.92
2050	-	-	-	-	-	-	-	-	4,600,000	0	4,600,000	64,216,814	0	#DIV/0!	2.90
2051	-	-	-	-	-	-	-	-	4,600,000	0	4,600,000	68,816,814	0	#DIV/0!	2.88
<b>Total</b>	<b>3,495,000</b>	<b>1,282,750</b>	<b>4,777,750</b>	<b>19,185,000</b>	<b>6,839,161</b>	<b>26,024,161</b>	<b>725,000</b>	<b>81,306,143</b>							



**Town of Tolland, Connecticut**  
**Existing & Proposed Debt Service**  
**Nov-20**  
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<b>Fiscal Year</b>	<b>Debt Per-Capita</b>	<b>Estimated Market Value</b>	<b>G.F. Bonded Debt as a % of Full Market Value</b>	<b>General Fund Expenditures (GAAP Basis)</b>	<b>General Fund debt service as a % of General Fund expenditures</b>	<b>Bonded Debt Outstanding</b>
2020	2,761	1,831,248,161	2.25%	62,034,490	7.33%	41,234,450
2021	2,536	1,826,659,284	2.07%	62,499,749	7.36%	37,868,713
2022	2,276	1,840,359,229	1.85%	62,968,497	7.38%	33,993,667
2023	2,701	1,854,161,923	2.18%	63,440,761	7.49%	40,342,000
2024	2,420	1,868,068,138	1.93%	63,916,566	7.51%	36,136,333
2025	2,529	1,882,078,649	2.01%	64,395,940	8.05%	37,777,667
2026	2,506	1,896,194,238	1.97%	64,878,910	7.79%	37,425,000
2027	2,303	1,910,415,695	1.80%	65,365,502	6.30%	34,390,000
2028	2,115	1,924,743,813	1.64%	65,855,743	5.75%	31,590,000
2029	1,955	1,939,179,392	1.51%	66,349,661	4.96%	29,200,000
2030	1,795	1,953,723,237	1.37%	66,847,284	4.81%	26,815,000
2031	1,636	1,968,376,161	1.24%	67,348,638	4.67%	24,430,000
2032	1,484	1,983,138,982	1.12%	67,853,753	4.35%	22,170,000
2033	1,333	1,998,012,525	1.00%	68,362,656	4.22%	19,910,000
2034	1,182	2,012,997,619	0.88%	68,875,376	4.10%	17,650,000
2035	1,030	2,028,095,101	0.76%	69,391,941	3.97%	15,390,000
2036	879	2,043,305,814	0.64%	69,912,381	3.84%	13,135,000
2037	754	2,058,630,608	0.55%	70,436,724	3.19%	11,260,000
2038	628	2,074,070,337	0.45%	70,964,999	3.09%	9,385,000
2039	503	2,089,625,865	0.36%	71,497,237	2.99%	7,510,000
2040	378	2,105,298,059	0.27%	72,033,466	2.89%	5,640,000
2041	252	2,121,087,794	0.18%	72,573,717	2.79%	3,770,000
2042	162	2,136,995,953	0.11%	73,118,020	1.99%	2,425,000
2043	72	2,153,023,422	0.05%	73,666,405	1.91%	1,080,000
2044	42	2,169,171,098	0.03%	74,218,903	0.65%	625,000
2045	11	2,185,439,881	0.01%	74,775,545	0.63%	170,000
2046	-	2,201,830,680	0.00%	75,336,361	0.23%	-
2047	-	2,218,344,411	0.00%	75,901,384	0.00%	-
2048	-	2,234,981,994	0.00%	76,470,645	0.00%	-
2049	-	2,251,744,359	0.00%	77,044,174	0.00%	-
2050	-	2,268,632,441	0.00%	77,622,006	0.00%	-
2051	-	2,285,647,185	0.00%	78,204,171	0.00%	-
<b>Total</b>						

**Five Year Capital Budget Summary of Associated Operating Cost  
FY 2021-2022 through 2025-2026**

<u>Function</u>	<u>Activity</u>	<u>Program</u>	<u>Project</u>	<u>Operating Costs</u>
FY 2021-2022 Capital Budget	Parks and Recreation	Parks and Recreation	New Playground Area	\$2,000-\$3,000 operating costs
FY 2021-2022 Capital Budget	Public Facilities	Public Facilities	Firehouse Improvements Implementation Phase	\$3,000-\$10,000 operating costs
FY 2024-2025 Capital Budget	Parks and Recreation	Parks and Recreation	New Pickleball Courts	\$1,000-\$2,000 operating costs
FY 2024-2025 Capital Budget	Public Facilities	Public Facilities	Parks Building and Garage Upgrade	\$2,000-\$6,000 operating costs

\*\*These costs are estimates and more accurate figures are dependent upon the size and type of building or structure either renovated or built.