



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

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December 7, 2023

TO: Town Council

FROM: Brian J. Foley, 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 2024/2025 – 2028/2029 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, state grants and potential requests for use of American Rescue Plan Act of 2021 funds (ARPA). While we recognize the continued concerns resulting from the post-Covid economic uncertainties, supply chain issues and the economic inflation of our times, the Capital Plan, as presented, is a recognition of the need to continue the investment of prior years so that the facilities, infrastructure, and equipment remain useful and can be operated in a safe manner. Budget constraints over the years have caused some of our capital equipment needs to be pushed out beyond their anticipated useful lives. Since my appointment to office, I have met with my department heads to closely examine the need for equipment and apparatus.

The current FY 2023-24 budget includes \$319,451 from the General Fund for funding the Capital Improvement Plan. This represents 0.52% of the total general fund-operating 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, we are recommending an increased amount from the General Fund toward the Capital Improvement Plan of \$397,395. This is an increase of \$77,944 in the General Fund contribution in comparison to the current year. A portion of the impact of this increase is due to the need to replace two computer servers at Town Hall that are required for the continuity of our daily operations for all departments. In addition, there is increased funding included for capital equipment for Public Works.

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

- 1. The fifth payment of the Vernon WPCA Sewage Treatment Plant upgrade is \$164,906.** To fund this payment, we are using \$100,000 from the General Fund and \$64,906 from the Capital & Non-recurring fund from proceeds received in a settlement in a previous year. The total cost of this project over the next 20 years is \$3,298,110.
- 2. BOE -TMS Concrete Patio and Stair Replacement: \$67,000 GF.** The current patio and staircase just outside the cafeteria at TMS is approaching the end of its useful life and is visibly in need of repair. Substantial repairs in the \$5,000 range have been conducted twice on these areas over the last 7 years. This patio and stairs are original to construction back in 1966. We recommend replacement of the patio with a new concrete patio, replacement of the stairs with concrete stairs and updates to the welded metal handrail system that does not meet current codes.
- 3. BOE -Combined Projects: (\$555,000) \$405,000 Non-Ref Bonds, \$150,000 in school construction grants:**
 - A. THS/TMS/TIS Panic Button Troop C Integration (\$13,698). When a staff member presses any of the 4 panic buttons located in and around the Main Office area, a direct audio bridge is made via a dialer to a manned phone within Troop C that plays a pre-recorded "lockdown" message for the Troop C dispatcher that receives the call. The message contains the lockdown message as well as the location of the school and panic button location. We are considering this to be the "highest" level of threat notification which should require the most immediate response. Integration and programming will be conducted to integrate 12 panic buttons (4 at each school proposed) to create a direct broadcast message sent to a Troop C dispatcher manning a specific phone. (For security reasons, some specifics have been withheld)

B. TMS "Mantrap" at Main Entrance (\$174,058)

The Tolland Middle School was originally constructed in 1966 back when many of the current safety infrastructure standards were non-existent. Based upon the design of the main front entry of the school, visitors have unobstructed or free access to the 2nd floor via a stair tower and 1st floor of the building without checking in at the Main Office. Without a containment area or "mantrap" for initial screening or queuing of visitors, etc., someone would have the capacity to very quickly enter all areas of our building in the event of a malicious breach. Construction of a containment area was recommended by the Tolland Middle School Safety Committee. This area would have penetration resistant windows, doors, glazing on the exterior and interior of the containment area. Some remodel of the current main Office will need to occur to allow entrance directly from the containment area into the Main Office. This requires restructure of some interior furnishings, equipment, a removal of a window and relocation of a geothermal unit. The current main entrance lobby will generally remain intact as its design is crucial to maintain the flow of traffic between the 2nd and 1st floors for the front of the building. (For security reasons, some specifics have been withheld)

C. THS Dishwasher Replacement for Food Services (\$62,521)

The current dishwasher is 17 years old and the typical life expectancy is about 15 years. We have recently experienced multiple repairs resulting in higher expenses to maintain this machine. Another concern is that parts may not be available in the coming years combined with the need to replace the failing parts. This dishwasher is an integral piece of equipment used at Tolland High School providing optimum sanitation, safety and efficiency in the preparation of meals for our students. The new one will be a conveyor dishwasher, single tank. (202) racks/hour.

D. TMS Paving - Lot by Football, Parent Drop-Off, Rear Access Road (\$304,723 - \$154,723 B \$150,000 G)

With current paving scheduled to begin the end of July 2023 and with the completion of the paving of the bus lot in November of 2022, almost 60% of the paved areas at Tolland Middle School will have been re-paved by the start of school in August 2023. To complete the re-paving for the entire Tolland Middle School @ 1 Falcon Way we propose to pave three additional areas:

- 1.) Entrance Road and 1st parking lot - mill and re-pave 515 tons = \$84,731
- 2.) Lot down by Football field - reclaim and re-pave 650 tons = \$102,307
- 3.) Road behind the school and driveway to one bay garage - reclaim and re-pave 685 tons = \$117,685

- 4. TOWN ADM -Two Servers for Town Hall: \$70,000 GF.**
Replacement of Dell Power Edge servers purchased in June 2020. Lifespan 5 years - purchase in June, 2025.
- 5. TOWN ADM -Road Salt Task Force - Testing and Investigation: \$50,000 CNRE.** Funding for testing and investigation related to ongoing Road Salt Task Force activities. The Task Force is working with consultants, the CT DEEP, EHHD and others. The fund has been depleted since the town has moved towards a solution based approach.
- 6. DPW -Truck #81 (Parks): \$70,600 CNRE**
This vehicle is a 2006 F-250 pickup with 196,567 miles on it and is in poor condition due to extensive body corrosion. It is used as a transport vehicle for ballfield equipment and other needs. Due to it's present condition, the current vehicle will be sent to a wholesaler or scrap yard. We intend to use the CT State Bid to replace this vehicle.
- 7. DPW -Ventrac Tractor (Parks): \$50,000 ARPA Request**
We currently have one 2011 Ventrac Tractor that is utilized on ballfields as well as on sidewalks, etc., during the winter season. Having a second tractor will help with the cleaning of sidewalks and preparing ballfields.
- 8. DPW -Equipment Trailer (Highway): \$45,000 GF**
We must have a new trailer with a heavier load rating based on newer equipment weighing more. The trailer is equipped with air assisted ramps which will help reduce the amount of labor needed to raise and lower the loading ramps. This equipment is rated for 25 tons vs. our current 20 ton trailer which will be traded in towards this purchase.
- 9. DPW -Infield Scarifier (Parks): \$31,000 GF**
Our 2008 scarifier currently has 4,604 hours on it and is used every day during the playing season. Having three seasons for play now, it will be a big advantage to have an additional piece of equipment to use while preparing fields. This equipment is in fair condition.
- 10. TFD -Replacement of Engine Tank 440 (1993): \$1,200,000 (\$820,000 Non-Ref Bond & \$380,000 Ambulance Reserve Fund ARF)**
Replace with a modern type of apparatus that is called squad or rescue pumper that has both firefighting and rescue capabilities. With limited manpower 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. It will replace a 1993 Engine Tanker, which was refurbished in 2012. Once in place we will downsize to the consultant recommended four (4) Engine Tanker/Squad trucks. This down from six total trucks 1.5 years ago.

11. TFD Refurbish Tank 440 (2003): \$180,000 ARF

2003 tanker - Need to overhaul suspension, brakes, springs, mechanical and may need body work. This tanker is one of a twin that were purchased together. Tank 140 was refurbished in Year 2 to lessen the overall economic impact. Each Tanker carries 3,000 gallons of water which directly impacts the Town's ISO rating. (We need to bring water to scenes. Trucks sit heavy loaded and ready with 3000 gallons of water 24/7)

12. DPW -Parks & Facilities Garage Upgrade: \$1,200,000 Non-Ref Bonds

The P&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 meetings 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 for the equipment.

13. Town Tree Maintenance: \$70,000 TAR Grant

Elimination of hazardous trees damaged by infestation from the Emerald Ash Borer and Gypsy Moth insects. Dead and diseased trees are removed from the Town's right-of-way and public areas to protect pedestrians and motorists from falling trees or limbs. Removal of these hazardous trees will also prevent them from falling on power lines and thus mitigate power outages.

14. Drainage, Construction and Design: \$49,000 TAR Grant

Funds for drainage and detention basin replacement, repairs and improvements to all or portions of certain town roads identified by the pavement management system. This account will be used for funding the cleaning and maintenance of our detention basins.

**15. Pavement Management Road Improvements: \$1,009,776
(\$219,776 TAR Grant & \$790,000 Non-Ref Bond)**

Pavement Management: 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

BOND REFERENDUM, NOVEMBER 2024

NOTE: The Town Of Tolland will need to go to referendum to continue on the existing road plan. Pavement Management and Road Improvements totaling \$7,000,000 over 5 years.

We 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 coming to completion 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. We 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. Through extremely volatile years, we have been fortunate to maintain 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 the 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. Tolland has a low debt burden (based on the 2025 Debt Management Plan) of 1.74% of market property value, well below our cap of 4% as required within the Town's Debt Policy. The town expects to issue additional new-money debt during the next few years as part of the CIP. Standard and Poors Rating Agency has advised of a "stable outlook due to Tolland's plan to maintain balanced financial operations and sustain very strong reserves and a low debt burden in line with the town's policies." The prestigious AAA bond rating could be lowered if the town's financial performance were to deteriorate. . Tolland also expects to finance more pay-as-you go for capital needs, supported by ARPA funds in the next year and in future years with general fund budgeted funds as debt service declines. Non-referendum borrowing is permissible in the next year pursuant to the Town Charter not to exceed \$2,500,000, which is 5% of the current grand levy (adjusted) as of FY 2023-24. The Town's Financial Advisor would like to present the updated Debt Management Plan, which takes into consideration the borrowing that we have recommended over the five years of the Plan at a Council meeting this February. Attached is a summary of debt service, which includes the impact of the financing we 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 \$26,855,000 over the next five years, with \$4,020,410 of this amount as previously approved debt, and an additional \$22,834,590 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 2024-2025 Debt Service budget will not change until FY 2026-27, at which time, it will begin to decline. Starting in Year 2026-27, 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 again preliminary.

The town continues to evaluate our equipment needs against replacement. Regardless, our town must constantly manage the health of our equipment, apparatus and fleet. In trying to balance the impact on the mill rate, we find it necessary to spread out the cost over several

years through the issuance of debt. We concur with the desire to reduce the dependence on debt financing, but we can't have the impact of paying for equipment with the General Fund contributions all at one time. Our goal is to phase in funds into our Capital and Non-recurring fund to begin building reserves once our debt payments begin to decline. This will allow the Town to have less dependence on issuing debt for the Capital needs in the future.

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. We are including \$790,000 next year for road maintenance from borrowed funds approved in the November 2018 referendum, and \$219,776 from State grants to meet our annual goal. This will be the final year of financing under this approved financing source. Our plan is to do another bond referendum process in November 2024 to continue to provide funding for our future road improvements included within this Capital Improvement Plan.

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. This additional debt has affected the Town budget. The Town's portion of this debt is \$3,298,110. This will be paid over 20 years. FY 2024-25 will be our fifth payment with the cost being phased in a little more each year with the general fund budget.

Capital equipment is another area of concern with many of the pieces being operated as first line equipment beyond their estimated useful life. The cost to keep this equipment on the road is high and the excessive amount of downtime of the equipment can impact the effectiveness of Town operations. As part of this memo, we are 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 \$300,000 range, making it difficult to budget for more than one large piece of equipment per year. A recent consultant report on our DPW equipment has determined that the level of our current fleet is adequate. However, the report made minor recommendations that will be carefully considered moving forward.

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 8, 2024.

cc: Dr. Walter Willett
Department Heads

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5-YEAR CAPITAL IMPROVEMENT PLAN BUDGET SUMMARIES

YEAR 1: FY 2024-2025

YEAR 2: FY 2025-2026

YEAR 3: FY 2026-2027

YEAR 4: FY 2027-2028

YEAR 5: FY 2028-2029

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
BUDGET SUMMARIES FOR FISCAL YEARS 2024-2025 THROUGH 2028-2029**
Italic indicates the recurring projects

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds for next budget	FY 2024-2025	FY 2025-2026	FY 2026-2027	FY 2027-2028	FY 2028-2029	Funding Totals FY 2025-2029
TOWN ADMINISTRATION								
Town Administration								
<i>Replacement of Light Duty Vehicles - Town</i>	248,633		54,033	54,500	44,500	47,800	47,800	248,633
<i>Replacement of Light Duty Vehicles - BOE</i>	86,500		15,500	15,500	15,500	20,000	20,000	86,500
Town of Vernon Water Pollution Control Facility Plan	3,298,110	1,235,778	164,906	164,906	164,906	164,906	164,906	2,060,308
Two Servers at Town Hall	70,000		70,000					70,000
Road Salt Task Force - Testing and Investigation	50,000		50,000					50,000
Switch Replacements, Core (3)	45,000			45,000				45,000
Document Management	10,000			10,000				10,000
Switch Replacements (9)	90,000			64,800		25,200		90,000
Switch Replacements (7)	45,500					45,500		45,500
Switch Replacements (11)	22,000						22,000	22,000
SUBTOTAL TOWN ADMINISTRATION	3,898,243	1,235,778	354,439	234,906	344,706	303,406	254,706	2,727,941
BOARD OF EDUCATION								
Board of Education								
TMS Concrete Patio and Stair Replacement	67,000		67,000					67,000
THS New Camera Installation - Stair Towers/Hallways/Music	29,195		29,195					29,195
TMS Security Film	10,805		10,805					10,805
THS/TMS/TIS Panic Button Troop C Integration	13,698		13,698					13,698
TMS "Mantrap" at Main Entrance	174,058		174,058					174,058
THS Dishwasher Replacement for Roof Services	62,521		62,521					62,521
TMS Paving	304,723		304,723					304,723
THS Photography Room 65 Improvements	50,500			50,500				50,500
THS Track	350,000			350,000				350,000
TMS Auditorium Seating Replacement	188,000			188,000				188,000
THS Classroom Technology Upgrades	126,122			126,122				126,122
THS Roof Replacement	5,500,000			5,500,000				5,500,000
TMS Classroom Technology Upgrades	93,000			93,000				93,000
THS Science Laboratory Technology Upgrades	56,761			56,761				56,761
TIS Classroom Technology Upgrades	107,590			107,590				107,590
TIS Science Laboratory Technology Upgrades	37,660			37,660				37,660
THS Stage Lighting Replacement	110,367			110,367				110,367
TIS Window Sash Replacements	35,000			35,000				35,000
Replace THS Stage Floor	38,000			38,000				38,000
TMS Locker Replacement	80,000			80,000				80,000
TIS Locker Replacement	80,000			80,000				80,000
DistrictWide Articulating Lift (Used)	80,000				80,000			80,000
THS Cafeteria Table Replacements	74,500				74,500			74,500
TMS Caf Tables	48,000				48,000			48,000
THS Boilers Replacement	621,000				621,000			621,000
BGP Kitchen Epoxy Floor	52,924						52,924	52,924
	1,427,408						1,427,408	1,427,408
SUBTOTAL BOARD OF EDUCATION	9,818,832	0	662,000	6,655,000	198,000	823,500	1,480,332	9,818,832

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
BUDGET SUMMARIES FOR FISCAL YEARS 2024-2025 THROUGH 2028-2029**

Italics indicates the recurring projects

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	FY 2024-2025	FY 2025-2026	FY 2026-2027	FY 2027-2028	FY 2028-2029	Funding Totals FY 2025-2029
CAPITAL EQUIPMENT								
Capital Equipment								
<i>Replacement of Light Duty Vehicles Truck #81 (Parks)</i>	65,728		14,862	12,933	12,933	12,000	13,000	65,728
Infield Scarifier (Parks)	70,600		70,600					70,600
Ventrac Tractor (Parks)	31,000		31,000					31,000
Equipment Trailer (Highway)	50,000		50,000					50,000
Replacement of Truck #21 (Highway)	45,000		45,000					45,000
Replacement of Roadside Mower	264,000		264,000					264,000
Replacement of Chipper (Highway)	289,800		289,800					289,800
Replacement of Truck #11	71,500		71,500					71,500
Replacement of Tractor (Parks)	77,000		77,000					77,000
Replacement of Tractor #28 (Highway)	52,800		52,800					52,800
Replacement of Loader 930G (Parks)	282,000		282,000		282,000			282,000
Replacement of Truck #31 (Highway)	320,000		320,000		320,000			320,000
Replacement of Truck #26 (Highway)	310,000				310,000			310,000
Replacement of Caterpillar Backhoe (Highway)	310,000				310,000			310,000
Replacement of Truck #35 (Highway)	287,500		287,500				287,500	287,500
	315,000						315,000	315,000
SUBTOTAL CAPITAL EQUIPMENT	2,841,928	0	211,462	768,033	614,933	632,000	615,500	2,841,928
FIRE AND AMBULANCE								
Fire and Ambulance								
<i>Contribution to Emergency Services Equipment Reserve</i>								
Replacement of Engine Tank 440 (1993)	1,200,000		1,200,000					1,200,000
Refurbish Tank 440 (2003)	180,000		180,000					180,000
Replacement of Firefighting Protective Gear	70,000		70,000					70,000
Replacement of UTV-240 (2008)	70,000		70,000					70,000
Replacement of Ambulance 640 (2015)	470,000				470,000			470,000
Replacement of Both Trailers	70,000				70,000			70,000
Replacement of Ambulance 540 (2015)	480,000					480,000		480,000
SUBTOTAL FIRE AND AMBULANCE	2,540,000	0	1,380,000	140,000	540,000	480,000	0	2,540,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN							
BUDGET SUMMARIES FOR FISCAL YEARS 2024-2025 THROUGH 2028-2029							
PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	FY 2024-2025	FY 2025-2026	FY 2026-2027	FY 2027-2028	FY 2028-2029
<i>Italics indicated recurring projects</i>							
PARKS AND RECREATION							
Parks and Recreation							
Replacement of Basketball Courts at Crandall Park & Heron Cove	530,000			530,000			
Crandall Building Improvements	991,563				991,563		
LED Lighting for Crandall Park	210,000					210,000	
Replacement of Tennis Courts at Old Cathole Road	1,303,063						1,303,063
SUBTOTAL PARKS AND RECREATION	3,034,626	0	0	530,000	991,563	210,000	1,303,063
PUBLIC FACILITIES							
Public Facilities							
Parks and Facilities Garage Upgrade	1,200,000		1,200,000				
Exterior Lodge Cleaning and Staining	50,000			50,000			
Senior Center Underground Heating Oil Storage Tank	25,000			25,000			
Hicks Building-Window/Door Repair/Replacement Program	50,000			50,000			
Replacement of Fuel Dispensing System	37,000				37,000		
							0
							0
							0
							0
							0
SUBTOTAL PUBLIC FACILITIES	1,362,000	0	1,200,000	125,000	37,000	0	0
PUBLIC WORKS							
Public Works							
Tree Trimming	350,000			70,000		70,000	
SUBTOTAL PUBLIC WORKS	350,000	0	70,000	70,000	70,000	70,000	0
STREETS AND ROADS							
Construction and Reconstruction							
<i>Drainage Construction and Design</i>	<i>246,000</i>		<i>49,000</i>	<i>50,000</i>	<i>49,000</i>	<i>49,000</i>	<i>49,000</i>
Pavement Management							
Road Improvements	10,600,000	4,210,000	790,000	1,400,000	1,400,000	1,400,000	1,400,000
<i>Various Roads</i>	<i>1,262,443</i>		<i>219,776</i>	<i>334,339</i>	<i>268,776</i>	<i>219,776</i>	<i>219,776</i>
SUBTOTAL STREETS AND ROADS	12,108,443	4,210,000	1,058,776	1,784,339	1,717,776	1,668,776	1,668,776
CIP GRAND TOTALS	35,954,072	5,445,778	4,936,677	10,307,278	4,513,978	4,187,682	5,392,377
							1,362,000
							350,000
							350,000
							246,000
							10,600,000
							1,262,443
							12,108,443
							34,783,770

TPS Capital Projects - TPS September - October 2023 (for 2024-2029 Capital Submission)

P #	Priority	Project Title	FY2025	FY2026	FY2027	FY2028	FY2029	TOTAL	When Opportunity Arises WOA	NOTES
1	HIGH	Replace TMS Rear Loading Dock EOD System(new)#						10,000		
1	HIGH	New Tractor for BGP w/increased sidewalks(new)#						24,000		
1	HIGH	Districtwide Radio Recorders						16,106		
1	HIGH	TIS Men Trap at Main Entrance						32,382		
1	HIGH	THS Field Irrigation Overhaul						12,100		
1	HIGH	THS Stage Audio Replacements						11,663		
1	HIGH	TIS and TMS HVAC additions to Café and Gym(s)	1,255,000					1,255,000		
1	HIGH	TIS and TMS Seclusion Room Special Ed upgrades						58,000		
1	HIGH	Replace (2) Tenant: 5400 Floor Machines(new)						24,000		
1	HIGH	BOE Office Security: Cameras, Access Control(new)						16,000		
1	HIGH	THS Roof Replacement	5,500,000					5,500,000		
1	HIGH	THS Classroom Tech Upgrades***	126,122					126,122		
1	HIGH	TMS Classroom Tech Upgrades***	93,000					93,000		
1	HIGH	THS Science Lab Tech Upgrades ***	56,761					56,761		
1	HIGH	TIS Classroom Tech Upgrades***	107,590					107,590		
1	HIGH	TIS Science Lab Tech Upgrades***	37,660					37,660		
1	HIGH	THS Dishwasher Replacement for Food Services	62,521					62,521		(Possible security grant reimbursement 49.64%)
1	HIGH	THS New Camera Stairs Towers-Hallways Music	28,000					28,000		May Get reimbursement 49.64%
1	HIGH	THS-TMS-TIS Panic Button Intergration	13,698					13,698		Grant \$707,408
1	HIGH	THS Auditorium and Art Wing Roof	174,058				1,425,076	1,425,076		(Possible security grant reimbursement 49.64%)
1	HIGH	TMS Men Trap at Main Entrance	296,979					296,979		(Possible security grant reimbursement 49.64%)
1	HIGH	TMS Pavings: Front Lot, Access Road, Football Lot	10,805					10,805		(Possible security grant reimbursement 49.64%)
1	HIGH	TMS Security Window Film								
2	MEDIUM	BGP Kitchen Epoxy Floor		33,068				33,068		
2	MEDIUM	TIS Windows Sash Replacements								
2	MEDIUM	THS Boiler Water Filtration System						85,000		
2	MEDIUM	TMS and TIS Geothermal Purge Cart						4,000		
2	MEDIUM	TMS Library and Main Office carpet						26,950		
2	LOW	BOE-Articulating Lift				80,000		80,000		
2	MEDIUM	Maintenance Truck, Replace Ford F150 W/ F250(new)#						35,000		
2	MEDIUM	TMS Track Re-surface						140,000		
2	MEDIUM	TMS Auditorium Seating Replacement	188,000					188,000		
2	MEDIUM	THS Cafeteria Table Replacements				74,500		74,500		
2	MEDIUM	THS/TMS Stage Lighting Replacements	110,367					110,367		
2	MEDIUM	TMS Concrete patio replacement and patio stair replace	67,000					67,000		
2	MEDIUM	THS Room 65 Photography Improvements	50,500					50,500		
2	MEDIUM	TIS Modular Roof Replacement						45,000		
2	MEDIUM	TIS Nurse Re-design						41,000		
2	LOW	TMS Café Tables				48,000		48,000		
2	MEDIUM	THS Track	350,000					350,000		
2	MEDIUM	Replace THS Stage Floor from Fir to Oak/Maple(new)			38,000			38,000		
2	MEDIUM	TMS Locker Replacements(new)	80,000					80,000		
2	MEDIUM	TIS Locker Replacements(new)	80,000					80,000		
2	MEDIUM	THS Boilers - Replacement				621,000		621,000		
1	HIGH	DR Server Upgrades								15,413
2	MEDIUM	TMS Computer Ed Labs Upgrade								75,450
2	MEDIUM	TMS Art & Music Labs Upgrade								35,173
2	MEDIUM	TMS Replacement Science Lab Furniture PS								36,380
2	MEDIUM	TMS Renovation of 6 Science Labs PS								1,060,000
2	MEDIUM	TMS Technology Ed Labs Upgrade								26,240
2	MEDIUM	TIS Computer Ed Lab Upgrade								14,818
2	MEDIUM	TIS Keyboarding Lab Upgrade								38,853
2	MEDIUM	TIS Library Lab Upgrade								24,308

Lisa Hancock 9-27-2023 Sheet updates
 Items requested by BOE in 10/2023
 Previously Approved

YEAR 1

2024-2025

**YEAR 1 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2024-2025**

YEAR 1 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	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS =====>	4,951,060	397,395	765,836	0	2,500,000	790,000	0	338,776	0	150,000	884,386	90,000	10,867,453
TOWN ADMINISTRATION													
Town Administration	741,060	239,533	114,906	0	0	0	0	0	0	0	0	0	1,095,499
BOARD OF EDUCATION													
Board of Education	0	67,000	0	0	405,000	0	0	0	150,000	0	40,000	0	662,000
CAPITAL EQUIPMENT													
Capital Equipment	0	90,862	70,600	0	0	0	0	0	0	0	50,000	0	211,462
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	820,000	0	0	0	0	560,000	0	0	1,380,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC FACILITIES													
Public Facilities	0	0	0	0	1,200,000	0	0	0	0	0	0	0	1,200,000
PUBLIC WORKS													
Tree Trimming	0	0	0	0	0	0	70,000	0	0	0	0	0	70,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	49,000	0	0	0	0	0	49,000
Pavement Management	4,210,000	0	0	0	0	790,000	219,776	0	0	0	0	0	5,219,776
SUMMARY PROJECT TOTALS	4,951,060	397,395	185,506	0	2,425,000	790,000	0	338,776	0	150,000	560,000	90,000	9,887,737
FUNDING SOURCE VARIANCES	0	0	580,330	0	75,000	0	0	0	0	0	324,386	0	979,716

FUNCTION FY 2024-2025 Capital Budget - Year 1	ACTIVITY Board of Education		PROGRAM Board of Education										CODE 2010-06 Funding Totals
	Project Description	Estimated Project Cost	General Fund Contrib	Existing Funds	Capital	Budget	Funding	Sources	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	
<p>TMS Concrete Patio and Stair Replacement The current patio and staircase just outside the cafeteria at TMS is approaching the end of its useful life. Substantial repairs in the \$5,000 range have been conducted twice on these areas over the last 7 years. The stair bases are degrading at a rapid pace and require re-paving and repair almost annually. The aluminum treads are still functional but adhering them to the concrete treads is becoming difficult as the underside of the concrete continues to breakdown and spall. The amount of square footage of repair on the patio itself is extensive and additional points of entry for water, salt, etc. still exist. This patio and stairs are original to construction back in 1966. We recommend replacement of the patio with a new concrete patio, replacement of the stairs with concrete stairs and updates to the welded metal handrail system that does not meet current codes.</p>	67,000	67,000											67,000
<p>THS New Camera Installation - Stair Towers/Hallways/Music The High School is a 235,000 square-foot building with an active surveillance system with live recording and archived footage capabilities. Based upon the size of the school we still have dead spots that need addressing including all 4 stair towers, areas outside the Music and Mechanical rooms, outside some restrooms and some hallways. The addition of the cameras will allow for more uniform and consistent handoff of surveillance views from camera to camera, better tracking of individuals throughout the building during a breach event, and overall greater coverage. This was also identified as an area of concern by the Safety Committee.</p> <p>We propose the addition of 16 camera locations throughout the school. All cameras will be Axis P3267-LY, 5MP indoor dome IP security cameras (depending upon availability). Camera locations will be mounted in drop ceiling locations, or will also utilize conduit installations in stair towers. Connectivity will be achieved via Cat6 plenum rated ethernet cabling with RJ45 connections on the camera end and will be punched down on the closest patch panels in our IDF's and MDF's where they will be POE injected via our Aruba switches. We have enough spare capacity in current switchgear to allow for this expansion. Our current surveillance system is the Aimetis Senstar/Symphony system and we have adequate processing servers and localized storage banks for archived storage banks (20 days minimum) with our Dell rackable and expandable units. All licensing fees for the new cameras will be absorbed throughout the operating budget.</p> <p>(Reuse of CIP Funds for cancelled BOE project)</p>	29,195											29,195	29,195
<p>TMS Security Window Film Tolland Middle School does have some relatively new classroom windows of the slider variety with security blocks to prevent them from being fully opened. However, the glazing of the glass is a laminated tempered and could be enhanced significantly to become more penetration resistant via the addition of a penetration resistant window film and film attachment system. This would be for classroom slider windows on the exterior walls of the building and only on the 1st floor.</p> <p>We propose to install 8 mil penetration resistant film to be specially adhered to both the existing laminated tempered glass and the frames via a rated attachment system. A total of 48 lites will be filmed to the existing exterior sliding windows in question.</p> <p>(Reuse of CIP Funds for cancelled BOE project)</p>	10,805											10,805	10,805

FUNCTION	ACTIVITY		PROGRAM										CODE				
	Board of Education		Board of Education											2010-06			
FY 2024-2025 Capital Budget - Year 1	Project Description	Estimated Project Cost	Board of Education		CAPITAL BUDGET FUNDING SOURCES					BOARD OF EDUCATION			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>THIS Dishwasher Replacement for Food Services (\$62,521) The current dishwasher is 17 years old and the typical life expectancy is about 15 years. We have recently experienced multiple repairs resulting in higher expenses to maintain this machine. Another concern is that parts may not be available in the coming years combined with the need to replace the failing parts. This dishwasher is an integral piece of equipment used at Tolland High School providing optimum sanitation, safety and efficiency in the preparation of meals for our students. The new one will be a conveyor dishwasher, single tank. (202) racks/hour, insulated hinged doors, 62 gallon/truck, stainless steel enclosure panels, microprocessor controls with low temperature and dirty water indicators, NSF Pot and Pan mode and programmable de-lime notification.</p> <p>TMS Paving - Lot by Football, Parent Drop-Off, Rear Access Road (\$304,723 - \$154,723 B \$150,000 G) With current paving scheduled to begin the end of July 2023 and with the completion of the paving of the bus lot in November of 2022, almost 60% of the paved areas at Tolland Middle School will have been re-paved by the start of school in August 2023. To complete the re-paving for the entire Tolland Middle School @ 1 Falcon Way we propose to pave three additional areas: 1.) Entrance Road and 1st parking lot - mill and re-pave 515 tons = \$84,731 2.) Lot down by Football field - reclaim and re-pave 650 tons = \$102,507 3.) Road behind the school and driveway to one bay garage - reclaim and re-pave 685 tons = \$117,685 Total Cost: \$304,723</p>																
TOTAL BOARD OF EDUCATION		662,000	0	67,000	0	0	405,000	0	0	0	0	0	0	150,000	0	40,000	662,000

FUNCTION	ACTIVITY		PROGRAM										CODE		
	Capital Equipment		Capital Equipment											2020-00	
	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
Truck #81 (Parts) This vehicle is a 2006 F-250 pickup with 196,567 miles on it and is in poor condition due to extensive body corrosion. It is used as a transport vehicle for ballfield equipment and other needs. Due to it's present condition, the current vehicle will be sent to a wholesaler or scrap yard. We intend to use the CT State Bid to replace this vehicle.	70,600			70,600											70,600
Infield Scarifier (Parks) Our 2008 scarifier currently has 4,604 hours on it and is used every day during the playing season. Having three seasons for play now, it will be a big advantage to have an additional piece of equipment to use while preparing fields. This equipment is in fair condition.	31,000		31,000												31,000
Ventrac Tractor (Parks) We currently have one 2011 Ventrac Tractor that is utilized on ballfields as well as on sidewalks, etc., during the winter season. Having a second tractor will help with the cleaning of sidewalks and preparing ballfields. A vehicle of this nature has an expected life span of 10-15 years. (ARPA REQUEST)	50,000													50,000	50,000
Equipment Trailer (Highway) We must have a new trailer with a heavier load rating based on newer equipment weighing more. The trailer is equipped with air assisted ramps which will help reduce the amount of labor needed to raise and lower the loading ramps. This equipment is rated for 25 tons vs. our current 20 ton trailer which will be traded in towards this purchase.	45,000		45,000												45,000
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement. List of Public Works Vehicles: 2018 F-250 Pickup Truck - Highway Supervisor 2018 F-250 Pickup Truck - Parks Supervisor 2022 F-350 Truck - Operations Manager	14,862		14,862												14,862
TOTAL CAPITAL EQUIPMENT	211,462	0	90,862	70,600	0	0	0	0	0	0	0	0	0	50,000	211,462

FUNCTION FY 2024-2025 Capital Budget - Year 1	PROJECT DESCRIPTION	ESTIMATED PROJECT COST	ACTIVITY Fire and Ambulance		PROGRAM Fire and Ambulance								CODE 2030-00 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>Replacement of Engine Tank 440 (1993) Replace with a modern type of apparatus that is called squad or rescue pumper that has both firefighting and rescue capabilities. With limited manpower 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. It will replace a 1993 Engine Tanker which was refurbished in 20212.</p> <p>Refurbish Tank 440 (2003) 2003 tanker - Need to overhaul suspension, brakes, springs, mechanical and may need body work. This tanker is one of a twin that were purchased together. Tank 140 was refurbished in Year 2 to lessen the overall economic impact. Each Tanker carries 3,000 gallons of water which directly impacts the Town's ISO rating.</p>	1,200,000					820,000						380,000		1,200,000
		180,000												180,000	180,000
TOTAL FIRE AND AMBULANCE		1,380,000	0	0	0	0	820,000	0	0	0	0	0	0	560,000	1,380,000

FUNCTION FY 2024-2025 Capital Budget - Year 1	PROJECT DESCRIPTION	ESTIMATED PROJECT COST	ACTIVITY Streets and Roads										FUNDING TOTALS	CODE 2060-00					
			PROGRAM Construction and Reconstruction																
			Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCTP Grant	TAR Grant	State & Federal Grants	School Const Grant			Ambul Reserve	Other Funding Sources/ Appr Bonds			
	Drainage Construction and Design Funds for drainage and detention basin replacement, repairs and improvements to all or portions of certain town roads identified by the pavement management system. This account will be used for funding the cleaning and maintenance of our detention basins.	49,000										49,000						49,000	
TOTAL CONSTRUCTION		49,000	0	0	0	0	0	0	0	0	0	49,000	0	0	0	0	0	49,000	0

FUNCTION FY 2024-2025 Capital Budget - Year 1	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	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
Pavement Management 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.				219,776							219,776						219,776
Road Improvements 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
TOTAL PAVEMENT MANAGEMENT				5,219,776	4,210,000	0	0	0	790,000	0	219,776	0	0	0	0	0	5,219,776

NOTE: Need to go out for Road Referendum, November 2024

YEAR 2

2025-2026

**YEAR 2 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2025-2026**

CAPITAL BUDGET FUNDING SOURCES

YEAR 2 CAPITAL BUDGET FUNDING CATEGORIES	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCF Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS ➔	905,966	395,639	580,330	0	2,505,000	5,855,000	115,563	338,776	0	2,200,000	604,386	0	13,500,660
TOWN ADMINISTRATION													
Town Administration	905,966	204,906	30,000	0	0	0	0	0	0	0	0	0	1,140,872
BOARD OF EDUCATION													
Board of Education	0	0	0	0	0	4,455,000	0	0	0	2,200,000	0	0	6,655,000
CAPITAL EQUIPMENT													
Capital Equipment	0	65,733	0	0	702,300	0	0	0	0	0	0	0	768,033
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	0	140,000	0	140,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	530,000	0	0	0	0	0	0	0	530,000
PUBLIC FACILITIES													
Public Facilities	0	75,000	0	0	0	0	50,000	0	0	0	0	0	125,000
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	50,000	0	0	0	0	0	0	0	0	0	0	50,000
Pavement Management	0	0	0	0	0	1,400,000	65,563	268,776	0	0	0	0	1,734,339
SUMMARY PROJECT TOTALS	905,966	395,639	30,000	0	1,232,300	5,855,000	115,563	338,776	0	2,200,000	140,000	0	11,213,244
FUNDING SOURCE VARIANCES	0	0	550,330	0	1,272,700	0	0	0	0	0	464,386	0	2,287,416

FUNCTION	PROJECT DESCRIPTION	ESTIMATED PROJECT COST	ACTIVITY										FUNDING TOTALS	CODE								
			Streets and Roads		PROGRAM																	
			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	2060-00					
	<p>Drainage Construction and Design</p> <p>Funds for drainage and detention basin replacement, repairs and improvements to all or portions of certain town roads identified by the pavement management system. This account will be used for funding the cleaning and maintenance of our detention basins.</p>	50,000		50,000																50,000		
TOTAL CONSTRUCTION		50,000	0	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50,000	

YEAR 3
2026-2027

**YEAR 3 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2026-2027**

CAPITAL BUDGET FUNDING SOURCES

YEAR 3 CAPITAL BUDGET FUNDING CATEGORIES	EXISTING FUNDS	GENERAL FUND CONTRIBUTION	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
PROJECTED AVAILABILITY OF CAPITAL FUNDS →	2,470,872	395,639	550,330	0	2,505,000	1,400,000	115,563	338,776	0	0	745,386	0	8,521,566
TOWN ADMINISTRATION													
Town Administration	1,070,872	344,706	0	0	0	0	0	0	0	0	0	0	1,415,578
BOARD OF EDUCATION													
Board of Education	0	38,000	0	0	160,000	0	0	0	0	0	0	0	198,000
CAPITAL EQUIPMENT													
Capital Equipment	0	12,933	0	0	602,000	0	0	0	0	0	0	0	614,933
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	0	540,000	0	540,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	925,000	0	66,563	0	0	0	0	0	991,563
PUBLIC FACILITIES													
Public Facilities	0	0	37,000	0	0	0	0	0	0	0	0	0	37,000
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	49,000	0	0	0	0	0	49,000
Pavement Management	1,400,000	0	0	0	0	1,400,000	0	268,776	0	0	0	0	3,068,776
SUMMARY PROJECT TOTALS	2,470,872	395,639	37,000	0	1,687,000	1,400,000	115,563	338,776	0	0	540,000	0	6,984,850
FUNDING SOURCE VARIANCES	0	0	513,330	0	818,000	0	0	0	0	0	205,386	0	1,536,716

FUNCTION FY 2026-2027 Capital Budget - Year 3	Project Description	Estimated Project Cost	ACTIVITY Capital Equipment										Funding Totals	CODE 2020-00				
			CAPITAL BUDGET					PROGRAM Capital Equipment										
			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		
	Replacement of Truck #28 (Highway) The current vehicle that we are replacing is a 2008 GMC C7500 Dump Truck that has 32,276 miles on it and it is one of our primary trucks for snow removal operations. We plan to purchase a new snow plow with this vehicle off of the State Bid in the 2027 timeframe. Currently, this truck is in fair condition.	282,000					282,000										282,000	
	Replacement of Loader 930G (Parks) This piece of equipment is a front line tool for the removal of snow at the High School, as well as, the Middle School. It is equipped with a 14' snow pusher which expedites the removal of snow at both facilities. Our current machine is a 2007 Cat 930G that has 5,000 hours on it and is showing signs of corrosion due to extreme conditions that it works in during the winter season. We also use this loader at the Parks facility to load materials and supplies during the field maintenance season. At today's rates we expect this vehicle to have a trade in value of \$35,000-\$45,000.	320,000					320,000										320,000	
	Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation List of Public Works Vehicles for future replacement: 2018 F-250 Pickup Truck - Highway Supervisor 2018 F-250 Pickup Truck - Parks Supervisor 2022 F-250 Pick up Truck - Operations Manager	12,933															12,933	
	TOTAL CAPITAL EQUIPMENT	614,933	0	12,933	0	0	602,000	0	0	0	0	0	0	0	0	0	614,933	0

FUNCTION FY 2026-2027 Capital Budget - Year 3	ACTIVITY Fire and Ambulance	PROGRAM Fire and Ambulance	CODE 2030-00	CAPITAL BUDGET FUNDING SOURCES												
				Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOOIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
<p>Replacement of Ambulance 640 (2015) 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.</p> <p>Replacement of Both Trailers The department owns 2 different sizes of enclosed trailers. The smaller of the two is used as a Dive-Rescue trailer to store and haul specialized Dive-Rescue equipment. It also provides privacy for divers to change into and out of their gear. The other trailer has multiple purposes including UTV storage, and rehab on long-duration scenes. Both trailers were donated to the corporation.</p>	470,000											470,000			470,000	
	70,000												70,000			70,000
TOTAL FIRE AND AMBULANCE	540,000	0	0	0	0	0	0	0	0	0	0	0	540,000	0	0	540,000

FUNCTION FY 2026-2027 Capital Budget - Year 3	PROJECT DESCRIPTION	ESTIMATED PROJECT COST	ACTIVITY Parks and Recreation										FUNDING TOTALS	CODE 2040-00										
			CAPITAL BUDGET FUNDING SOURCES					PROGRAM Parks and Recreation																
			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								
	Crandall Building Improvements Replacement of bathrooms and office building, storage and concession area at Crandall Park. The building is estimated to be 60 plus years old. It is in very poor condition.	991,563							925,000			66,563											991,563	
TOTAL PARKS AND RECREATION		991,563	0	0	0	0	0	925,000	0	0	66,563	0	0	0	0	0	0	0	0	0	0	0	991,563	

FUNCTION FY 2026-2027 Capital Budget - Year 3	ACTIVITY Streets and Roads	PROGRAM Pavement Management										CODE 2060-00 Funding Totals				
		Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES			FUNDING SOURCES				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	Ambul Reserve
Pavement Management 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.	268,776										268,776					268,776
Road Improvements Bond referendum for road improvements over five years pursuant to the Town's Debt Management Plan. (Referendum from November, 2024) Debt Management Plan: Year One: FY 2025/2026 - \$1,400,000 Year Two: FY 2026/2027 - \$1,400,000 Year Three: FY 2027/2028 - \$1,400,000 Year Four: FY 2028/2029 - \$1,400,000 Year Five: FY 2029/2030 - \$1,400,000	7,000,000	1,400,000								1,400,000						2,800,000
TOTAL PAVEMENT MANAGEMENT	7,268,776	1,400,000	0	0	0	0	0	0	0	1,400,000	0	268,776	0	0	0	3,068,776

YEAR 4

2027-2028

**YEAR 4 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2027-2028**

YEAR 4 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	LOCI Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve		Other Funding Sources/ Appr Bonds
PROJECTED AVAILABILITY OF CAPITAL FUNDS ➡	4,100,578	395,406	513,330		2,505,000	1,400,000	115,563	338,776	0	0	480,386	370,000	10,219,039
TOWN ADMINISTRATION													
Town Administration	1,300,578	303,406	0	0	0	0	0	0	0	0	0	0	1,603,984
BOARD OF EDUCATION													
Board of Education	0	80,000	0	0	583,500	0	0	0	0	0	0	160,000	823,500
CAPITAL EQUIPMENT													
Capital Equipment	0	12,000	0	0	620,000	0	0	0	0	0	0	0	632,000
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	480,000	0	0	480,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	0	0	0	0	0	0	210,000	0	210,000
PUBLIC FACILITIES													
Public Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC WORKS													
Tree Trimming	0	0	0	0	0	0	70,000	0	0	0	0	0	70,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	49,000	0	0	0	0	0	49,000
Pavement Management	2,800,000	0	0	0	0	1,400,000	219,776	0	0	0	0	0	4,419,776
SUMMARY PROJECT TOTALS	4,100,578	395,406	513,330	0	1,203,500	1,400,000	338,776	0	0	480,000	370,000	0	8,288,260
FUNDING SOURCE VARIANCES	0	0	513,330	0	1,301,500	0	115,563	0	0	386	0	0	1,930,779

FUNCTION FY 2027-2028 Capital Budget - Year 4	ACTIVITY Town Administration						PROGRAM Town Administration						CODE 2000-00			
	Project Description	Estimated Project Cost	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
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement. List of Town Vehicles: 2027 Ford Explorer - Building Inspection (7 years)** 2027 GMC Acadia - Public Works Director (7 years)** 2022 F-250 Pickup Truck - Canine 2020 GMC Acadia - Pool/Planner 2020 Ford Explorer - Recreation 2015 Ford Explorer - Pool 2015 Ford Explorer - Assessor 2016 Mini-Van - Elderly 2025 Chevy Tahoe - Fire Marshal 2024 Chevy Tahoe - Fire Chief	47,800	47,800		47,800											47,800	
List of Board of Education Vehicles: 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.	20,000	20,000		20,000											20,000	
Town of Vernon Water Pollution Control Plant Upgrade Facility Plan 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.	3,298,110	1,235,778		164,906											1,400,684	
General Fund pays: \$164,906 each year through July 2038 Then payments change to: FY 2039/2040 - \$97,938 FY 2040/2041 - \$48,969	90,000	64,800		25,200											90,000	
Switch Replacements (9) Aruba 6300M 48-port 1GbE Class 4 PoE and 4-port SFP56 switch (JL662A)	45,500			45,500											45,500	
Switch Replacements (7) Aruba 6300M 24-port 1GbE Class 4 PoE and 4-port SFP56 switch (JL662A)																
TOTAL TOWN ADMINISTRATION	3,501,410	1,300,578		303,406											1,603,984	

FUNCTION FY 2027-2028 Capital Budget - Year 4	ACTIVITY Board of Education		PROGRAM Board of Education										CODE 2010-06			
	Project Description	Estimated Project Cost	CAPITAL BUDGET		FUNDING SOURCES			BUDGET			Other Funding Sources/ Appr Bonds	Funding Totals				
			General Fund Contrib	Non Refer Notes/ Bonds	Recreation Special Revenue	Refer Notes/ Bonds	LOICIP Grant	TAR Grant	State & Federal Grants	School Const Grant				Ambul Reserve		
	District-Wide Articulating Lift (Used) The purchase of a used diesel articulating 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 5 years: 2018 - \$5,200, 2019 - \$5,200, 2020 - \$8,100, 2021-\$8,211, 2022-\$4,923 for a five year total of \$31,634. 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. Anticipated useful life is 20 years.	80,000	80,000												80,000	
	THS and TMS Cafeteria Table Replacement THS Cafeteria Table Replacement (\$74,500) Currently, THS has 26 banquet style cafeteria tables that typically require 2 custodians to be able to open and close the tables. The tables each have 2 torsion springs which were all replaced back in 2017 which helped a bit with the opening and closing of the tables, but the other hardware and the springs themselves are beginning to show additional signs of wear. I recommend the replacement of all 26 tables with enough tables to be able to maintain the 312 person seating capacity that we now currently have. Round or oval tables would be the preferred choice as they create multiple seating arrangements. The tables are over 24 years old and would be approaching the end of their useful lives.	122,500			122,500											122,500
	TMS Cafeteria Table Replacement (\$48,000) The TMS cafeteria tables are at least 18 years old as they have been the same tables utilized since before the new high school was built in 2005. By the time of the scheduled replacement, they will be well over 20 years old. The springs that keep the center of the tables latched have become worn out and replaced on numerous occasions but we are starting to see delamination of some of the seats and tops as well as rust on many of the metal parts. They are effectively reaching the end of their useful life. We recommend the purchase of 24 new 12' folding tables.	621,000			461,000									160,000		621,000
	THS Boilers Replacement Scheduled replacement for aging boilers at the Tolland High School. One boiler was repaired in FY 22-23 in order to keep the system running. The system will be at a point where it will need to be replaced. (Utility Reserve Fund \$160,000 balance bonds)															
	TOTAL BOARD OF EDUCATION	823,500	80,000	0	583,500	0	0	0	0	0	0	0	0	160,000	0	823,500

FUNCTION FY 2027-2028 Capital Budget - Year 4	ACTIVITY Fire and Ambulance	PROGRAM Fire and Ambulance										CODE 2030-00		
		CAPITAL BUDGET FUNDING SOURCES		FUNDING SOURCES										
Project Description	Estimated Project Cost	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
<p>Replacement of Ambulance 540 (2015) 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.</p>	480,000											480,000		480,000
TOTAL FIRE AND AMBULANCE	480,000	0	0	0	0	0	0	0	0	0	0	480,000	0	480,000

FUNCTION FY 2027-2028 Capital Budget - Year 4 Project Description	ACTIVITY Streets and Roads	PROGRAM Construction and Reconstruction										Funding Totals	CODE 2060-00					
		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		
Drainage Construction and Design Funds for drainage and detention basin replacement, repairs and improvements to all or portions of certain town roads identified by the pavement management system.		49,000											49,000				49,000	
TOTAL CONSTRUCTION		49,000	0	0	0	0	0	0	0	0	0	0	49,000	0	0	0	49,000	0

FUNCTION FY 2027-2028 Capital Budget - Year 4	ACTIVITY Streets and Roads	PROGRAM Pavement Management										CODE 2060-00			
		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
Pavement Management 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.	219,776								219,776						219,776
Road Improvements Bond referendum for road improvements over five years pursuant to the Town's Debt Management Plan. (Referendum from November, 2024) Debt Management Plan: Year One: FY 2025/2026 - \$1,400,000 Year Two: FY 2026/2027 - \$1,400,000 Year Three: FY 2027/2028 - \$1,400,000 Year Four: FY 2028/2029 - \$1,400,000 Year Five: FY 2029/2030 - \$1,400,000	7,000,000	2,800,000				1,400,000									4,200,000
TOTAL PAVEMENT MANAGEMENT	7,219,776	2,800,000	0	0	0	1,400,000	0	0	219,776	0	0	0	0	0	4,419,776

YEAR 5

2028-2029

**YEAR 5 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2028-2029**

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	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
TOWN ADMINISTRATION	4,776,154	320,630	513,330	0	2,510,000	1,400,000	115,563	338,776	0	707,408	260,386	0	10,942,247
Town Administration	576,154	254,706	0	0	0	0	0	0	0	0	0	0	830,860
BOARD OF EDUCATION													
Board of Education	0	52,924	0	0	720,000	0	0	0	0	707,408	0	0	1,480,332
CAPITAL EQUIPMENT													
Capital Equipment	0	13,000	0	0	602,500	0	0	0	0	0	0	0	615,500
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	0	0	0	0
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	1,187,500	0	115,563	0	0	0	0	0	1,303,063
PUBLIC FACILITIES													
Public Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0
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	49,000	0	0	0	0	49,000
Pavement Management	4,200,000	0	0	0	0	1,400,000	0	219,776	0	0	0	0	5,819,776
SUMMARY PROJECT TOTALS	4,776,154	320,630	513,330	0	2,510,000	1,400,000	115,563	338,776	0	707,408	260,386	0	10,168,531
FUNDING SOURCE VARIANCES	0	0	513,330	0	0	0	0	0	0	0	260,386	0	773,716

FUNCTION FY 2028-2029 Capital Budget - Year 5	ACTIVITY Parks and Recreation	PROGRAM Parks and Recreation	CODE 2040-00	Project Description	Estimated Project Cost	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					
				Replacement of Tennis Courts at Old Cathole Road The tennis courts at Old Cathole Road has reached the end of its useful life. Its now time to replace it. The courts were resurfaced to allow for playable conditions for both residents and the Tolland High School team. From our understanding the lifespan of the courts has ended and the only foreseeable condition is replacing the courts.	1,303,063					1,187,500			115,563										1,303,063
TOTAL PARKS AND RECREATION					1,303,063	0	0	0	0	1,187,500	0	0	115,563	0	0	0	0	0	0	0	0	0	1,303,063

FUNCTION FY 2028-2029 Capital Budget - Year 5 Project Description	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	LOCIP Grant	TAR Grant	State & Federal Grants		School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds
Pavement Management 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.	219,776	219,776							219,776						219,776
Road Improvements Bond referendum for road improvements over five years pursuant to the Town's Debt Management Plan. (Referendum from November, 2024) Debt Management Plan: Year One: FY 2025/2026 - \$1,400,000 Year Two: FY 2026/2027 - \$1,400,000 Year Three: FY 2027/2028 - \$1,400,000 Year Four: FY 2028/2029 - \$1,400,000 Year Five: FY 2029/2030 - \$1,400,000	7,000,000	4,200,000					1,400,000								5,600,000
TOTAL PAVEMENT MANAGEMENT	7,219,776	4,200,000	0	0	0	0	1,400,000	0	219,776	0	0	0	0	0	5,819,776

**Town of Tolland, Connecticut
Five Year Capital Improvement Plan
Debt Issuance Assumptions
Nov-23**

	Remaining Authorized But Not Issued	Capital Needs From CIP FY 24-25 Plan	Total Cash Needs
Year 1 - FY 2024-25	\$ 2,916,583	2,428,417	\$ 5,345,000
Year 2 - FY 2025-26	900,000	7,090,000	7,990,000
Year 3 - FY 2026-27	0	3,090,000	3,090,000
Year 4 - FY 2027-28	203,827	2,571,173	2,775,000
Year 5 - FY 2028-29	0	7,655,000	7,655,000
	\$ 4,020,410	\$ 22,834,590	\$ 26,855,000

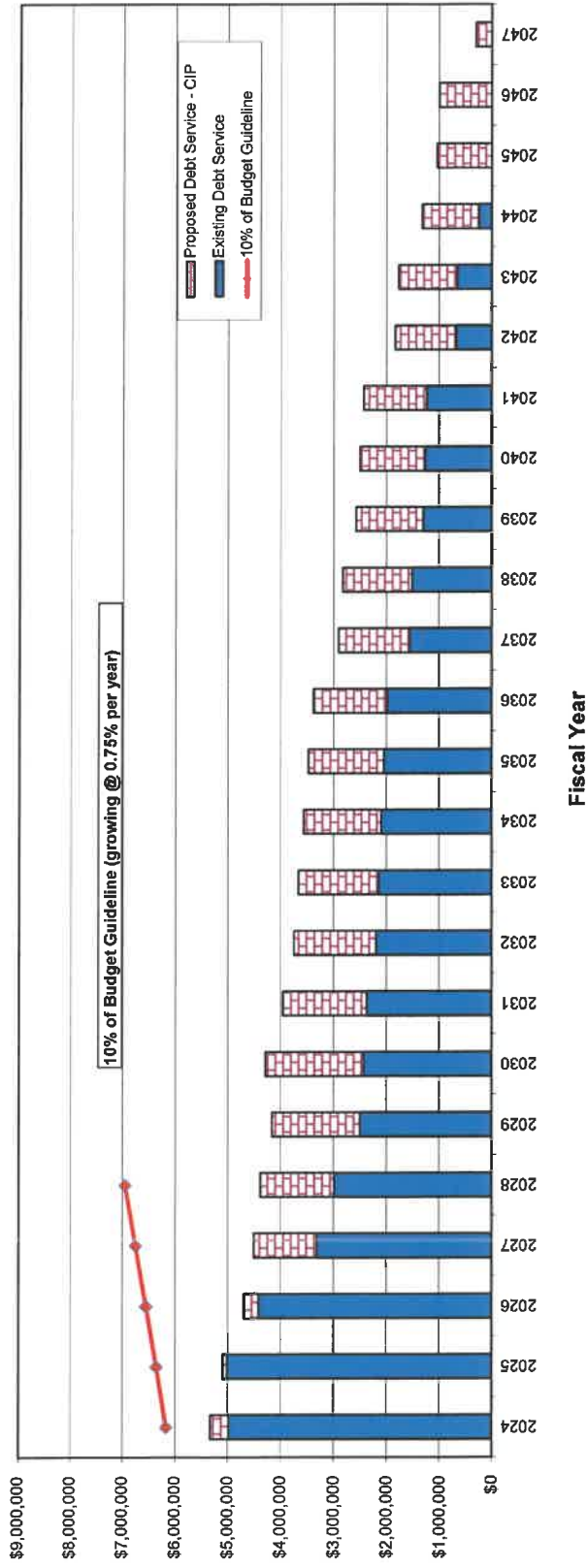
Amount Issued
5,345,000
13,335,000
3,090,000
5,865,000
7,655,000
\$ 26,855,000

YEAR 1
YEAR 2
YEAR 3
YEAR 4
YEAR 5

Issue BANS - Sept 2024
Issue Bonds - Sep 2025
Issue BANS - Sept 2026
Issue Bonds - Sep 2027
Issue BANS - Sep 2028

Total amount

**Existing & Proposed Debt Service compared to 10% of Budget
FY 2024-25 CIP Totals \$26,855,000**



**Town of Tolland, Connecticut
Existing & Proposed Debt Service
Nov-23**

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 & 2016 Energy Leases)	Annual Change in Existing Debt Service	\$9,170,000 BANs Dated: 9/22 Due: 9/23 3.75% Interest	\$2,110,000 BANs Dated: 9/23 Due: 9/24 4.0% Interest	\$5,345,000 BANs Dated: 9/24 Due: 9/25 4.00% Interest	\$13,335,000 Bonds Dated Sept 2025 Term: 20 Year Rate: 4.00%			\$3,090,000 BANs Dated: 9/26 Due: 9/27 3.50% Interest	\$5,865,000 Bonds Dated Sept 2027 Term: 20 Years Rate: 4.00%		
								Principal	Interest	Total		Principal	Interest	Total
2024	3,885,667	1,098,488	4,984,154	104,720	342,920	-	-	-	-	-	-	-	-	-
2025	3,953,667	1,054,659	5,008,325	24,171	-	84,166	-	-	-	-	-	-	-	-
2026	3,492,667	917,104	4,409,770	(598,555)	-	-	213,800	-	266,700	266,700	-	-	-	-
2027	2,500,000	810,263	3,310,263	(1,099,508)	-	-	-	670,000	520,000	1,190,000	-	-	-	-
2028	2,265,000	722,163	2,987,163	(323,100)	-	-	-	670,000	493,200	1,163,200	108,150	-	117,300	117,300
2029	1,855,000	645,463	2,500,463	(486,700)	-	-	-	670,000	466,400	1,136,400	-	295,000	228,700	523,700
2030	1,850,000	581,063	2,431,063	(69,400)	-	-	-	670,000	439,600	1,109,600	-	295,000	216,900	511,900
2031	1,850,000	522,863	2,372,863	(58,200)	-	-	-	670,000	412,800	1,082,800	-	295,000	205,100	500,100
2032	1,725,000	470,053	2,195,053	(177,809)	-	-	-	670,000	386,000	1,056,000	-	295,000	193,300	488,300
2033	1,725,000	420,288	2,145,288	(49,766)	-	-	-	670,000	359,200	1,029,200	-	295,000	181,500	476,500
2034	1,725,000	369,816	2,094,816	(50,472)	-	-	-	665,000	332,500	997,500	-	295,000	169,700	464,700
2035	1,725,000	319,125	2,044,125	(50,691)	-	-	-	665,000	305,900	970,900	-	295,000	157,900	452,900
2036	1,720,000	267,400	1,987,400	(56,725)	-	-	-	665,000	279,300	944,300	-	295,000	146,100	441,100
2037	1,340,000	221,316	1,561,316	(426,084)	-	-	-	665,000	252,700	917,700	-	295,000	134,300	429,300
2038	1,335,000	182,384	1,517,384	(43,931)	-	-	-	665,000	226,100	891,100	-	295,000	122,500	417,500
2039	1,160,000	146,725	1,306,725	(210,659)	-	-	-	665,000	199,500	864,500	-	295,000	110,700	405,700
2040	1,155,000	113,750	1,268,750	(37,975)	-	-	-	665,000	172,900	837,900	-	295,000	98,900	393,900
2041	1,155,000	79,975	1,234,975	(33,775)	-	-	-	665,000	146,300	811,300	-	295,000	87,100	382,100
2042	630,000	51,450	681,450	(553,525)	-	-	-	665,000	119,700	784,700	-	290,000	75,400	365,400
2043	630,000	28,175	658,175	(23,275)	-	-	-	665,000	93,100	758,100	-	290,000	63,800	353,800
2044	245,000	4,900	249,900	(408,275)	-	-	-	665,000	66,500	731,500	-	290,000	52,200	342,200
2045	-	-	-	-	-	-	-	665,000	39,900	704,900	-	290,000	40,600	330,600
2046	-	-	-	-	-	-	-	665,000	13,300	678,300	-	290,000	29,000	319,000
2047	-	-	-	-	-	-	-	-	-	-	-	290,000	17,400	307,400
2048	-	-	-	-	-	-	-	-	-	-	-	290,000	5,800	295,800
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	37,922,000	9,027,419	46,949,419		342,920	84,166	213,800	13,335,000	5,591,600	18,926,600	108,150	5,865,000	2,454,200	8,319,200

Town of Tolland, Connecticut
Existing & Proposed Debt Service
Nov-23
Page 2

Fiscal Year	\$7,655,000 BANs Dated: 9/28 Due: 9/29 3.0% Interest	Total Proposed Principal	Total Proposed Interest	Total Proposed Debt Service (CIP)	Total Existing Plus Proposed Principal ONLY	Total Existing Plus Proposed Interest ONLY	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
2024	-	-	342,920	342,920	3,885,667	1,441,408	-	5,327,074	4,700,000	0	(627,074)	259,496	341,785	7.01%	3.46
2025	-	-	84,166	84,166	3,953,667	1,138,824	100,000	5,092,491	4,700,000	0	(392,491)	430,000	(234,584)	-4.40%	3.43
2026	-	-	266,700	266,700	3,492,667	1,183,804	300,000	4,676,470	4,700,000	0	23,530	753,530	(416,021)	-8.17%	3.41
2027	-	670,000	520,000	1,190,000	3,170,000	1,330,263	50,000	4,500,263	4,600,000	(100,000)	99,738	903,267	(176,208)	-3.77%	3.31
2028	-	670,000	718,650	1,388,650	2,935,000	1,440,813	100,000	4,375,813	4,500,000	(100,000)	124,188	1,127,455	(124,450)	-2.77%	3.21
2029	-	965,000	695,100	1,660,100	2,820,000	1,340,563	50,000	4,160,563	4,500,000	0	339,438	1,516,892	(215,250)	-4.92%	3.19
2030	229,650	965,000	886,150	1,851,150	2,815,000	1,467,213	-	4,282,213	4,500,000	0	217,788	1,734,680	121,650	2.92%	3.17
2031	-	965,000	617,900	1,582,900	2,815,000	1,140,763	-	3,955,763	4,500,000	0	544,238	2,278,917	(326,450)	-7.62%	3.14
2032	-	965,000	579,300	1,544,300	2,690,000	1,049,353	-	3,739,353	4,500,000	0	760,647	3,039,564	(216,409)	-5.47%	3.12
2033	-	965,000	540,700	1,505,700	2,690,000	960,988	-	3,650,988	4,500,000	0	849,013	3,888,577	(88,366)	-2.36%	3.10
2034	-	960,000	502,200	1,462,200	2,685,000	872,016	-	3,557,016	4,500,000	0	942,984	4,831,561	(93,972)	-2.57%	3.07
2035	-	960,000	463,800	1,423,800	2,685,000	782,925	-	3,467,925	4,500,000	0	1,032,075	5,863,636	(89,091)	-2.50%	3.05
2036	-	960,000	425,400	1,385,400	2,680,000	692,800	-	3,372,800	4,500,000	0	1,127,200	6,990,836	(95,125)	-2.74%	3.03
2037	-	960,000	387,000	1,347,000	2,300,000	608,316	-	2,908,316	4,500,000	0	1,591,684	8,582,520	(464,484)	-13.77%	3.00
2038	-	960,000	348,600	1,308,600	2,295,000	530,984	-	2,825,984	4,500,000	0	1,674,016	10,256,536	(82,331)	-2.83%	2.98
2039	-	960,000	310,200	1,270,200	2,120,000	456,925	-	2,576,925	4,500,000	0	1,923,075	12,179,611	(249,059)	-8.81%	2.96
2040	-	960,000	271,800	1,231,800	2,115,000	385,550	-	2,500,550	4,500,000	0	1,999,450	14,179,061	(76,375)	-2.96%	2.94
2041	-	960,000	233,400	1,193,400	2,115,000	313,375	-	2,428,375	4,500,000	0	2,071,625	16,250,686	(72,175)	-2.89%	2.92
2042	-	955,000	195,100	1,150,100	1,585,000	246,550	-	1,831,550	4,500,000	0	2,668,450	18,919,136	(596,825)	-24.58%	2.89
2043	-	955,000	156,900	1,111,900	1,585,000	185,075	-	1,770,075	4,500,000	0	2,729,925	21,649,061	(61,475)	-3.36%	2.87
2044	-	955,000	118,700	1,073,700	1,200,000	123,600	-	1,323,600	4,500,000	0	3,176,400	24,825,461	(446,475)	-25.22%	2.85
2045	-	955,000	80,500	1,035,500	955,000	80,500	-	1,035,500	4,500,000	0	3,464,500	28,289,961	(288,100)	-21.77%	2.83
2046	-	955,000	42,300	997,300	955,000	42,300	-	997,300	4,500,000	0	3,502,700	31,792,661	(38,200)	-3.69%	2.81
2047	-	290,000	17,400	307,400	290,000	17,400	-	307,400	4,500,000	0	4,192,600	35,985,261	(689,900)	-69.18%	2.79
2048	-	290,000	5,800	295,800	290,000	5,800	-	295,800	4,500,000	0	4,204,200	40,189,461	(11,600)	-3.77%	2.77
2049	-	-	-	-	-	-	-	-	4,500,000	0	4,500,000	44,689,461	(295,800)	-100.00%	2.75
2050	-	-	-	-	-	-	-	-	4,500,000	0	4,500,000	49,189,461	0	#DIV/0!	2.73
2051	-	-	-	-	-	-	-	-	4,500,000	0	4,500,000	53,689,461	0	#DIV/0!	2.71
Total	229,650	19,200,000	8,810,686	28,010,686	54,632,000	17,692,104	600,000	74,960,104							

Town of Tolland, Connecticut
Existing & Proposed Debt Service
Nov-23
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Fiscal Year	Debt Per-Capita	Estimated Market Value	G.F. Bonded Debt as a % of Full Market Value	General Fund Expenditures (GAAP Basis)	General Fund debt service as a % of General Fund expenditures	Bonded Debt Outstanding
2024	2,539	1,941,378,977	1.95%	67,800,791	6.93%	37,922,000
2025	2,279	1,955,939,319	1.74%	68,309,296	7.46%	34,036,333
2026	2,907	1,970,608,864	2.20%	68,821,616	6.80%	43,417,667
2027	2,673	1,985,388,431	2.01%	69,337,778	6.49%	39,925,000
2028	2,854	2,000,278,844	2.13%	69,857,812	6.26%	42,620,000
2029	2,657	2,015,280,935	1.97%	70,381,745	5.91%	39,685,000
2030	2,468	2,030,395,542	1.82%	70,909,608	6.04%	36,865,000
2031	2,280	2,045,623,509	1.66%	71,441,430	5.54%	34,050,000
2032	2,091	2,060,965,685	1.52%	71,977,241	5.20%	31,235,000
2033	1,911	2,076,422,928	1.37%	72,517,070	5.03%	28,545,000
2034	1,731	2,091,996,100	1.24%	73,060,948	4.87%	25,855,000
2035	1,551	2,107,686,071	1.10%	73,608,906	4.71%	23,170,000
2036	1,372	2,123,493,716	0.96%	74,160,972	4.55%	20,485,000
2037	1,192	2,139,419,919	0.83%	74,717,180	3.89%	17,805,000
2038	1,038	2,155,465,568	0.72%	75,277,558	3.75%	15,505,000
2039	884	2,171,631,560	0.61%	75,842,140	3.40%	13,210,000
2040	743	2,187,918,797	0.51%	76,410,956	3.27%	11,090,000
2041	601	2,204,328,188	0.41%	76,984,038	3.15%	8,975,000
2042	459	2,220,860,649	0.31%	77,561,419	2.36%	6,860,000
2043	353	2,237,517,104	0.24%	78,143,129	2.27%	5,275,000
2044	247	2,254,298,482	0.16%	78,729,203	1.68%	3,690,000
2045	167	2,271,205,721	0.11%	79,319,672	1.31%	2,490,000
2046	103	2,288,239,764	0.07%	79,914,569	1.25%	1,535,000
2047	39	2,305,401,562	0.03%	80,513,929	0.38%	580,000
2048	19	2,322,692,074	0.01%	81,117,783	0.36%	290,000
2049	0	2,340,112,264	0.00%	81,726,166	0.00%	0
2050	0	2,357,663,106	0.00%	82,339,113	0.00%	0
2051	0	2,375,345,580	0.00%	82,956,656	0.00%	0
Total						

(Blue denotes year it should have been replaced - Green denotes new date assigned)

Town-Owned Front-Line Apparatus

Vehicle Year	Current Age of Vehicle	Historical Replacement Year	Year Rehab Completed or Recommended	Vehicle	Make	Type	Original Cost to Department	Cost of Rehab	Cost of Replacement	Comments
2000	23	2030	2020	ET 140	Pierce	Fire Pumper	\$335,410	\$154,000		
1993	30	2023 / 2024	2012	ET 240	Pierce	Fire Pumper	\$245,000	\$85,000	\$1,200,000	Cap. 2024-2025 Replacement 2023 formally named ET440 was renamed to ET240 in
1994	29	2024 / 2027	2016	ET 340	Pierce	Fire Pumper	\$316,000	\$90,000	\$1,200,000	Cap. 2027-2028 Replacement
2006	17	2033	2023	ET 440	Pierce	Fire Pumper	\$440,000	\$180,000		After Reurb in 2023 ET240 was renamed to ET440
2022	1		2035	SQ 240	Spartan	Squad/Heavy Res./Pumper	\$750,000			
2003	20	2033	2023	T 140	Kenworth	Tanker	\$225,000	\$180,000	\$575,000	Cap. 2023-2024 Refurb.
2003	20	2032	2024	T 440	Kenworth	Tanker	\$225,000	\$180,000	\$575,000	Cap. 2024-2025 Refurb.
1990	33		2015	T 240	Pierce Lance	Ladder	\$62,500	\$132,000		Currently being sold
2009	14		2023	T 240	Pierce	Ladder	\$750,000			(Bought Used and Refurb 2023)
2021	2		NR	A 740	Ford	Ambulance	\$230,000			(Bought Used 2023)
2015	8	2021	NR	A 640	Ford	Ambulance	\$270,000		\$312,000	Ordered October, 2021 Replace every 5 years (Cap. Place holder 2026-2027)
2017	6	2022	NR	A 540	Ford	Ambulance	\$220,000		\$370,000	Ordered August, 2022 Replace every 5 years (Cap. Place holder 2027-2028)

Town-Owned Service Vehicles

Vehicle Year	Current Age of Vehicle	Historical Replacement Year	Year Rehab Completed or Recommended	Vehicle	Make	Type	Original Cost to Department	Cost of Rehab	Cost of Replacement	Comments
2015	8	2030	2026	S 140	Ford	Service	\$120,000	\$80,000	\$155,000	(Chassis) To be sold as soon as new apparatus arrives
2020	3			S 240	Ford	Service	\$85,000		\$90,000	Renamed to S 340 (2016) To be sold as soon as new ambulance arrives. Old ambulance will be a service truck
2003	20	2023	2015	S 340	Ford	Service	\$35,000	\$25,000	\$90,000	
2007	16	2020		S 440	Ford	Service	\$85,000		\$90,000	Former S 240. 2020 Reassigned to Fire Police
2006	17	2020	2011	S 540	Jeep	Service		\$4,500	\$50,000	2011 Reassigned from Town Pool to Fire Marshal, then in 2015 to Fire Dept.
2021	2	2030	NR	FM 140	Chevrolet	Service	\$70,000		\$90,000	Replaced 2011 Ford Expedition. Was outfitted w/ Refurb. Equipment
2016	7	2021	NR	Fire Chief (Director of Public Safety)	Chevrolet	Service	\$90,000		\$90,000	Capital Project (\$70,000 designated under Town Administration FY 2022-2023) TFD Corp purchased 2016. Moved to Town Capital List

Capital Project Replacement

2004	19	2026	NR	Dive-Rescue Trailer	Car Mate	Enclosed Trailer	Replacement of both trailers \$70,000		TFD Corp purchased (2004) Cap. 2026-2027 Replacement
2014	9	2026	NR	Enclosed Red Trailer	United Trailer	Enclosed Trailer	\$8,500	\$12,000	TFD Corp purchased USED (2014) Cap. 2026-2027 Replacement

Vehicles Owned by Tolland Fire Department, Inc. Used by Career and Volunteer staff to conduct Town and Fire Department business.

Vehicle Year	Current Age of Vehicle	Historical Replacement Year	Year Rehab Completed or Recommended	Vehicle	Make	Type	Cost to Town	Cost paid by TFD Corp.	Cost of Replacement	Comments
2006	17	2021	NR	C 140	Chevrolet	Service	\$0.00	\$20,000	\$90,000	TFD Corp purchased USED (2014)
2011	12	2021	NR	S 640	Chevrolet	Service	\$0.00	\$90,000	\$90,000	TFD Corp purchased (2011)
2008	15	2021 / 2025	NR	UTV-240	Polaris	UTV	\$0.00	\$28,000	\$70,000	TFD Corp purchased (2008) Cap. 2025-2026 Replacement
2008	15	2024	NR	ATV-240	Polaris	ATV	\$0.00	\$7,500	\$15,000	TFD Corp purchased USED (2014)
2008	15	2028	NR	TRAILER	BIG TEX	Trailer	\$0.00	\$4,500	\$7,500	TFD Corp purchased (2008)
1987	36		NR	ACO Horse Trailer	Texas	Trailer	\$0.00			TFD Corp purchased USED (2018)
2012	11		NR	Landscape Trailer	Carry-on	Trailer	\$0.00			TFD Corp purchased USED (2019)

NR=Not Recommended

Equipment Aging Schedule for Units Assigned to Parks & Facilities Division

2024/2025

Vehicle/Equip #	Description	Year	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30
Trucks:									
37 TOL	Chevrolet 3500	2023	1	2	3	4	5	6	7
38 TOL	Ford F550	2023	1	2	3	4	5	6	7
56 TOL	Ford F250	2006	1	2	3	4	5	6	7
53 TOL	Ford F450	2022	2	3	4	5	6	7	8
81 TOL	Ford F250	2007	1	2	3	4	5	6	7
86 TOL	Ford F550	2023	1	2	3	4	5	6	7
75 TOL	3/4 Ton Van	2022	2	3	4	5	6	7	8
45 TOL	Ford F450	2011	13	14	15	16	17	18	19
63 TOL	Ford F250 (mechanics truck)	2019	3	4	5	6	7	8	9
59 TOL	Ford F550	2015	9	10	11	12	13	14	15
80 TOL	Ford F550	2016	7	8	9	10	11	12	13
39 TOL	International 4300 Durastar	2017	6	7	8	9	10	11	12
3 TOL	Ford F250	2018	5	6	7	8	9	10	11
Scheduled Replacements:									
81 TOL	Ford F250	2025	15	16	17	18	19	20	21
	John Deere Tractor	2026	22	23	24	25	26	27	28
	Cat Loader	2027	18	19	20	21	22	23	24
56 TOL	Ford F250	2023	1	2	3	4	5	6	7
Equipment:									
	Ford Tractor	1970	67	68	69	70	71	72	73
	Sweetstar	1991	23	24	25	26	27	28	29
	Easy Rake	1998	25	26	27	28	29	30	31
	Gravel Snow Blower	1999	24	25	26	27	28	29	30
	Gravel Snow Blower	1999	24	25	26	27	28	29	30
	John Deere Tractor	2001	32	33	34	35	36	37	38
	Easy Rake	2001	22	23	24	25	26	27	28
	Skidsteer New Holland 180	2001	22	23	24	25	26	27	28
	Easy Rake	2005	17	18	19	20	21	22	23
	Lazer Lawnmower	2005	19	20	21	22	23	24	25
	Gravel Snow Blower	2005	19	20	21	22	23	24	25
	Cat 930G Loader	2006	18	19	20	21	22	23	24
	Gravel Snow Blower	2007	17	18	19	20	21	22	23
	Lazer Lawnmower	2007	17	18	19	20	21	22	23
	Kubota tractor	2007	17	18	19	20	21	22	23
	4000 Lawnmower	2007	17	18	19	20	21	22	23
	Line Painter	2008	18	19	20	21	22	23	24
	Skidsteer New Holland 170	2011	13	14	15	16	17	18	19
	Toro 5910 Mower	2022	1	2	3	4	5	6	7
	Ventrac mower/thrower	2013	16	17	18	19	20	21	22
	Ventrac mower/thrower	2024	1	2	3	4	5	6	7
	ExMark Lazer Lawnmower	2022	2	3	4	5	6	7	8
	ExMark Lazer Lawnmower	2022	2	3	4	5	6	7	8
	ExMark Lazer Lawnmower	2022	2	3	4	5	6	7	8
	ExMark Lazer Lawnmower	2022	2	3	4	5	6	7	8
	Easy Rake/Smithco Groomer	2015	8	9	10	11	12	13	14
	Line Painter	2017	6	7	8	9	10	11	12
	Toro Mower	2018	5	6	7	8	9	10	11
	60" Exmark Mower	2018	5	6	7	8	9	10	11
	Remote Control Mower	2022	2	3	4	5	6	7	8
Scheduled Replacements:									
	Mini Excavator	2019	4	5	6	7	8	9	10
	Skidsteer New Holland 180	2020	3	4	5	6	7	8	9
	ExMark Lazer Lawnmower	2021	2	3	4	5	6	7	8
	ExMark Lazer Lawnmower	2021	2	3	4	5	6	7	8
	ExMark Lazer Lawnmower	2021	2	3	4	5	6	7	8
	ExMark Lazer Lawnmower	2021	2	3	4	5	6	7	8
	Toro 5910 Mower	2022	1	2	3	4	5	6	7
	Small Dump								
	Low Profile Dump								
	Pick Up								
	Van								

1- years last recommended end of service
 4+ years recommended end of service
 scheduled for replacement

**Five Year Capital Budget Summary of Associated Operating Costs
FY 2024-2025 through 2028-2029**

<u>Function</u>	<u>Activity</u>	<u>Program</u>	<u>Project</u>	<u>Operating Costs</u>
FY 2024-2025 Capital Budget	Public Facilities	Public Facilities	Parks and Facilities Garage Update	\$2,000-\$6,000 operating costs
FY 2026-2027 Capital Budget	Public Facilities	Parks and Recreation	Crandall Building Improvements	\$100-\$1,500 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.