



TOWN of TOLLAND/ 21 Tolland Green, Tolland Connecticut 06084

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December 10, 2019

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 2020/2021 – 2024/2025 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 2019-20 budget includes \$121,048 from the General Fund for funding the Capital Improvement Plan. This represents 0.21% 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 modest, but increased, amount from the General Fund toward the Capital Improvement Plan of \$186,667. This is an increase of \$65,619 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 first payment of the Vernon WPCA Sewage Treatment Plant upgrade is \$192,706. To fund this payment, we are using \$38,148 from the General Fund, the second phase-in from the CNRE fund of \$99,558 as previously approved by Town Council, and \$55,000 from the current account available balance. The total cost of this project over the next 20 years is \$3,298,110.
2. \$17,000 to convert the Town's online building, planning and zoning permitting services to a new software program, since the current program expires and is no longer being supported. This will yield higher efficiencies.
3. An amount totaling \$230,000 for various projects requested by the Board of Education, including districtwide parking lot repaving, a boiler water filtration system for Tolland High School, and sidewalk connection from portable classrooms to the front of Tolland Intermediate School. The General Fund portion of these requests amounts to \$45,000. I removed the request for "TMS and THS Computer 1 to 1 Initiative," because I believe this is not an eligible expense to be funded through the capital budget, but rather is an operating expense.
4. Replacement of the Fire Marshal's vehicle, including built-in equipment, for \$70,000, which includes \$50,000 being spent out of the CNRE fund.
5. \$210,870 in non-referendum notes or bonds to replace Truck #25, Truck #33, and a New Holland Skid Steer for Parks. Additionally, \$177,000 in non-referendum notes or bonds is being requested for replacement of Truck #35.
6. Two important requests from the Fire Department to be funded out of its Ambulance Reserve Fund: replacement of 14 sets of personal protective equipment for \$45,000; and \$450,000 for the replacement of 68 Self Contained Breathing Apparatuses (36 air packs and 32 spare bottles). \$30,000 of this amount has already been appropriated.
7. \$100,000 in non-referendum notes or bonds to fund a firehouse improvement scope of work design, that will ultimately lead to three of the Town's firehouses being brought up to current building codes and ADA compliance.
8. \$151,800 in non-referendum notes or bonds to fund the expansion of the rear lot of Cross Farms, including curbing and wooden rail fencing.
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.

Continuing the tradition of the previous Town Manager, 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 fourth year of the \$9.6 million bond issue for school improvements, with work on the Tolland Intermediate School roof being completed in Year One, the Tolland Middle School roof is estimated to be replaced by the summer of 2020, and several other projects have either been completed or shall be completed within the upcoming year. 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.

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 of Tolland, according to the Fitch Bond Rating Agency, is "moderate on a per capita basis and in relation to property values. While debt levels have increased in recent years as a result of additional public investment in schools, Town facilities and roads, future planned debt is manageable and shall ensure a moderate debt burden going forward." Non-referendum borrowing is permissible in the next year pursuant to the Town Charter not to exceed \$2,332,801 which is 5% of the current grand levy as of FY 2019-20. 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 \$21,795,000 over the next five years, with \$14,985,000 of this amount as previously approved debt, and an additional \$6,810,000 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 2020/2021 Debt Service budget will increase by \$50,000.

In Year 2021-22, our debt service budget projections show an increase of \$150,000 followed by two additional increases of \$225,000 in Year 2022-23 and \$175,000 in Year 2023-24. This is mainly due to the impact of the demolition and construction of Birch Grove School. Starting in Year 2024-25 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.

I am also recommending within this Five Year Plan that we address the remaining Town facilities needs dealing with the renovation and expansion needs at our Fire Stations. While we are estimating that work at three stations will cost \$3,000,000, we will have a better sense of cost after a conceptual design is completed next year. It would be my recommendation to have a referendum in November of 2020 to consider funding for this need. The cost of fire apparatus has increased substantially over the last several years. The Fire Capital Reserve is proposed to be the funding source for Ambulance 640 in Year Two.

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 \$1 million towards road improvements. I am including \$795,000 next year for road maintenance from borrowed funds approved in the November 2018 referendum, and the balance 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. I have included a copy of a preliminary debt payment schedule for the next 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 such equipment are in the \$180,000 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 status of accounts of existing capital projects, as well as the estimated operation expense for new facilities, or additions to facilities, recommended in the Plan.

Five-Year Capital Budget
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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 13, 2020.

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

FIVE YEAR CAPITAL IMPROVEMENT PLAN								
BUDGET SUMMARIES FOR FISCAL YEARS 2020-2021 THROUGH 2024-2025								
<i>Italic indicates the recurring projects</i>								
PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds for next budget	FY 2020-2021	FY 2021-2022	FY 2022-2023	FY 2023-2024	FY 2024-2025	Funding Totals FY 2021-2025
TOWN ADMINISTRATION								
Town Administration								
<i>Replacement of Light Duty Vehicles - Town</i>	<i>118,962</i>		<i>22,854</i>	<i>25,854</i>	<i>25,854</i>	<i>22,200</i>	<i>22,200</i>	<i>118,962</i>
<i>Replacement of Light Duty Vehicles - BOE</i>	<i>42,644</i>		<i>12,786</i>	<i>12,786</i>	<i>12,786</i>	<i>4,286</i>		<i>42,644</i>
New Chevy Tahoe for Fire Marshal	70,000		70,000					70,000
Town of Vernon Water Pollution Control Facility Plan	4,146,805	118,540	137,706	155,002	164,906	164,906	164,906	905,966
GIS Permit Software	17,000		17,000					17,000
SUBTOTAL TOWN ADMINISTRATION	4,395,411	118,540	260,346	193,642	203,546	191,392	187,106	1,154,572
BOARD OF EDUCATION								
Board of Education								
THIS VCT Tile Replacement - Multi Areas	30,000	10,000	10,000	10,000				30,000
District Wide BOE Parking Lot Repavement	90,000		90,000					90,000
THS Boiler Water Filtration System	85,000		85,000					85,000
TIS Sidewalk Connection to Front of School	35,000		35,000					35,000
TIS Hobart High Temp Conveyor Dishwasher & Sink	44,539			44,539				44,539
THIS Security Panel/Burglar System	15,000			15,000				15,000
TMS Library and Main Office Carpet	26,950			26,950				26,950
TIS Windows Glass Replacements	16,850			16,850				16,850
District Wide Wireless Access Point Upgrades	130,800				130,800			130,800
TIS Modular Roof Replacement	45,000					45,000		45,000
SUBTOTAL BOARD OF EDUCATION	519,139	10,000	220,000	113,339	130,800	45,000	0	519,139

FIVE YEAR CAPITAL IMPROVEMENT PLAN BUDGET SUMMARIES FOR FISCAL YEARS 2020-2021 THROUGH 2024-2025 <i>Italics indicates the recurring projects</i>								
PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	FY 2020-2021	FY 2021-2022	FY 2022-2023	FY 2023-2024	FY 2024-2025	Funding Totals FY 2021-2025
CAPITAL EQUIPMENT								
Capital Equipment								
<i>Replacement of Light Duty Vehicles</i>	<i>60,787</i>		<i>18,779</i>	<i>13,429</i>	<i>13,579</i>	<i>7,500</i>	<i>7,500</i>	<i>60,787</i>
Replacement of Truck #25	84,710		84,710					84,710
Refurbishment of Truck #33	52,000		52,000					52,000
Replacement of Truck #9	33,000		33,000					33,000
Replacement of Truck #35	177,000		177,000					177,000
New Holland Skid Steer	74,160		74,160					74,160
Cargo Van #75 (Parks)	38,805			38,805				38,805
Front End Loader	275,000			275,000				275,000
Replacement of Truck #53	88,950			88,950				88,950
72" Exmark Mowers (4)	50,000			50,000				50,000
Replacement of Service Truck 450	52,105			52,105				52,105
Replacement of Truck #38	93,181				93,181			93,181
16' Toro Mower	103,950				103,950			103,950
Replacement of Truck #68	77,000				77,000			77,000
Replacement of Truck #10	38,500				38,500			38,500
Replacement of Truck #64	38,500				38,500			38,500
Pick Up Truck #56	35,200					35,200		35,200
Van Con	410,000						410,000	410,000
SUBTOTAL CAPITAL EQUIPMENT	1,782,848	0	439,649	518,289	364,710	42,700	417,500	1,782,848
FIRE AND AMBULANCE								
Fire and Ambulance								
<i>Contribution to Emergency Services Equipment Reserve</i>								
Replacement of Personal Protective Equipment	45,000		45,000					45,000
Replacement of Self Contained Breathing Apparatus	450,000	30,000	420,000					450,000
Replacement of Ambulance 640	285,000			285,000				285,000
Replacement of Ambulance 540	295,000				295,000			295,000
Refurbishment of ET-240	140,000				140,000			140,000
Replacement of Engine Tank 340	700,000					700,000		700,000
Refurbish Tank 140	85,000					85,000		85,000
Replacement of Engine Tank 440	725,000						725,000	725,000
Refurbish Tank 440	85,000						85,000	85,000
SUBTOTAL FIRE AND AMBULANCE	2,810,000	30,000	465,000	285,000	435,000	785,000	810,000	2,810,000

FIVE YEAR CAPITAL IMPROVEMENT PLAN BUDGET SUMMARIES FOR FISCAL YEARS 2020-2021 THROUGH 2024-2025 <i>Italics indicated recurring projects</i>								
PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	FY 2020-2021	FY 2021-2022	FY 2022-2023	FY 2023-2024	FY 2024-2025	Funding Totals FY 2021-2025
PARKS AND RECREATION								
Parks and Recreation								
NO PROJECTS FOR NEXT 5 YEARS								0
SUBTOTAL PARKS AND RECREATION	0	0	0	0	0	0	0	0
PUBLIC FACILITIES								
Public Facilities								
Replace Underground Storage Tanks at Jail Museum	12,100		12,100					12,100
Firehouse Improvement Design	100,000		100,000					100,000
Air Conditioning Unit Replacement	10,000		10,000					10,000
Firehouse Improvement Implementation	3,000,000			3,000,000				3,000,000
Jail Museum Roof Replacement	66,000			66,000				66,000
ADA Pathways Cross Farms Park - Design Fees	10,000			10,000				10,000
Pole Sheds	88,000				88,000			88,000
Public Facilities Yearly Improvements	60,000			15,000	15,000	15,000	15,000	60,000
SUBTOTAL PUBLIC FACILITIES	3,346,100	0	122,100	3,091,000	103,000	15,000	15,000	3,346,100
PUBLIC WORKS								
Public Works								
Tree Trimming	350,000		70,000	70,000	70,000	70,000	70,000	350,000
SUBTOTAL PUBLIC WORKS	350,000	0	70,000	70,000	70,000	70,000	70,000	350,000
STREETS AND ROADS								
Construction and Reconstruction								
<i>Drainage Construction and Design</i>	475,739		179,913	103,913	91,913	50,000	50,000	475,739
Pavement Management								
Road Improvements	5,000,000	1,000,000	795,000	800,000	795,000	820,000	790,000	5,000,000
Cross Farms Parking Lot (Rear)	151,800		151,800					151,800
Various Roads	1,279,826		205,000	200,000	205,000	334,913	334,913	1,279,826
SUBTOTAL STREETS AND ROADS	6,907,365	1,000,000	1,331,713	1,103,913	1,091,913	1,204,913	1,174,913	6,907,365
CIP GRAND TOTALS	20,110,863	1,158,540	2,908,808	5,375,183	2,398,969	2,354,005	2,674,519	16,870,024

YEAR 1

2020-2021

FUNCTION		ACTIVITY		PROGRAM										CODE	
FY 2020-2021 Capital Budget - Year 1		Capital Equipment		Capital Equipment										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/ Appr Bonds	Funding Totals
Capital Equipment		210,870					210,870								210,870
Replacement of Truck #25 (\$84,710) This vehicle is used as a front line vehicle for snow removal operations as well as being used on a daily basis during the construction season. The current vehicle is considered in fair condition and is a 2007 Ford F-550 that has 71,510 miles on it. We intend to purchase a new plow and sander for this truck off of the CT State Bid.															
Refurbishing of Truck #33 (Highway) (\$52,000) This vehicle is a 2005 Mack CV712 with 106,579 miles on it. The cab and chassis are in decent condition but the body is deteriorating due to the exposure to the winter salt. We are proposing to replace the body and have the entire truck sandblasted and painted. This will include a new ground speed control system also. We feel we can get another 8-10 years out of this vehicle. This has been rated as good/poor condition. (cost of new truck would be estimated at \$177,000)															
New Holland Skid Steer (Parks) (\$74,160) This piece of equipment is used almost daily on field prep as well as during snow removal operations. We also use it heavily with attachments such as augers, brush hogs and forks for off-loading equipment and supplies. The unit it shall replace is a 2001 with approximately 3,500 hours on it and it is classified as fair condition.		33,000												33,000	33,000
Replacement of Truck #9 (\$33,000) (Highway) This truck is a 2003 F-150, 4 wheel drive pick-up truck with 135,110 miles on it. It's primary use is for transportation of the crew, tools and for responding to areas of concern with cones, barricades etc. The floor has been replaced in both the cab and in the bed of the truck due to excessive rot. The engine is a small V-8 which is becoming weaker and the complete exhaust system, including manifolds are in need of replacement. This is classified as being in poor condition. (Funded by Cemetery Fund)															
Replacement of Truck #35 This vehicle is used as a front line vehicle for snow removal operations as well as being used on a daily basis during the construction season. The current vehicle is considered in fair condition and is a 2002 Western Star that has 93,593 miles and 10,692 hours on it. This vehicle is also designated as a water truck during the summer months and is in fair to poor condition.		177,000					177,000								177,000
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.		18,779		18,779											18,779
List of Public Works Vehicles: 2018 F-250 Pickup Truck - Highway Supervisor 2018 F-250 Pickup Truck - Parks Supervisor 2015 F-350 Truck - Operations Manager															
TOTAL CAPITAL EQUIPMENT		439,649	0	18,779	0	0	387,870	0	0	0	0	0	0	33,000	439,649

FUNCTION FY 2020-2021 Capital Budget - Year 1			ACTIVITY Fire and Ambulance		PROGRAM Fire and Ambulance										CODE 2030-00	
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	CAPITAL BUDGET				FUNDING SOURCES			Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals		
					Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant					
Replacement of Personal Protective Equipment Replacement of Firefighters' Personal Protective Equipment includes helmets, hoods, jacket, gloves, pants and boots to comply with NFPA 1851. Firefighters' personal protective equipment is not certified for use 10 years after date of manufacture or sooner depending on the exposures. To replace 14 sets of gear.	45,000											45,000		45,000		
Replacement of Self Contained Breating Apparatus In 2004 the department replaced our Self Contained Breathing Apparatus (SCBA). Maintenance costs have steadily been increasing the last several years to about \$7,000 annually and \$17,500 every few years to replace the high pressure hoses. Next to personal protective jackets, pants, helmets and boots this is one of the most important pieces of safety equipment that our staff utilizes. SCBA's are worn by firefighters in every environment that is considered to be an Immediate Danger to Life and Health (IDLH) Current brand in use renders difficulty to procure parts for replacement. The breathing air bottles are past their useful life span according to the manufacturer. **In previous years a project had been approved with grant funding of \$30,000 from Town funding. The grant was denied, but the Town funding is still in place	450,000	30,000										420,000		450,000		
TOTAL FIRE AND AMBULANCE	495,000	30,000	0	0	0	0	0	0	0	0	0	0	465,000	0	495,000	

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FUNCTION FY 2020-2021 Capital Budget - Year 1	ACTIVITY Public Works		PROGRAM Tree Trimming											CODING 2055-00 Funding Totals					
	Project Description	Estimated Project Cost	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				
Tree Trimming Elimination of hazardous trees due to damage done by insect infestation.	70,000																		70,000
TOTAL PUBLIC WORKS	70,000	0	0	0	0	0	0	0	0	0	70,000	0	0	0	0	0	0	70,000	

FUNCTION FY 2020-2021 Capital Budget - Year 1	ACTIVITY Streets and Roads										PROGRAM Construction and Reconstruction							CODING 2060-00 Funding Totals		
	Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES								Construction and Reconstruction			Other Funding Sources/ Appr Bonds	Ambul Reserve	School Const Grant	State & Federal Grants	TAR Grant	179,913	179,913
			Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	LOCIP Grant										
	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.	179,913																		
	TOTAL CONSTRUCTION	179,913	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	179,913

FUNCTION FY 2020-2021 Capital Budget - Year 1		ACTIVITY Streets and Roads		PROGRAM Pavement Management										CODE 2060-00	
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	CAPITAL BUDGET FUNDING SOURCES						Pavement Management				Funding Totals
					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.	205,000								114,984	90,016					205,000
Road Improvements Bond referendum for road improvements over six years pursuant to the Town's Debt Management Plan. (Referendum, November 2018)	5,000,000	1,000,000					795,000								1,795,000
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															
Cross Farms Parking Lot (Rear) 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
TOTAL PAVEMENT MANAGEMENT	5,356,800	1,000,000	0	0	0	151,800	795,000	114,984	90,016	0	0	0	0	0	2,151,800

YEAR 2

2021-2022

YEAR 2 CAPITAL BUDGET SUMMARY

FISCAL YEAR 2021-2022

YEAR 2 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 =====>		2,071,246	269,657	519,910	0	466,055	3,800,000	114,984	339,929	0	0	799,132	0	8,380,913
TOWN ADMINISTRATION														
Town Administration		256,246	94,084	99,558	0	0	0	0	0	0	0	0	0	449,888
BOARD OF EDUCATION														
Board of Education		20,000	98,339	0	0	0	0	15,000	0	0	0	0	0	133,339
CAPITAL EQUIPMENT														
Capital Equipment		0	52,234	0	0	466,055	0	0	0	0	0	0	0	518,289
FIRE AND AMBULANCE														
Fire and Ambulance		0	0	0	0	0	0	0	0	0	0	285,000	0	285,000
PARKS AND RECREATION														
Parks and Recreation		0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC FACILITIES														
Public Facilities		0	25,000	0	0	0	3,000,000	66,000	0	0	0	0	0	3,091,000
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	103,913	0	0	0	0	103,913
Pavement Management		1,795,000	0	0	0	0	800,000	33,984	166,016	0	0	0	0	2,795,000
SUMMARY PROJECT TOTALS		2,071,246	269,657	99,558	0	466,055	3,800,000	114,984	339,929	0	0	285,000	0	7,446,429
FUNDING SOURCE VARIANCES		0	0	420,352	0	0	0	0	0	0	0	514,132	0	934,484

FUNCTION FY 2021-2022 Capital Budget - Year 2		ACTIVITY Board of Education		PROGRAM District Wide										CODE 2010-06		
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	
THS Security Panel/Burglar System The current security panel is operational but the Tolland BOE is looking to integrate all four schools onto the same security platform. The High School has an Ademco system with Honeywell keypads that will be upgraded to a current platform with the same compatible software. The keypads, wiring and contracts can remain the same based upon the age of the unit but the head end controller unit will need to be changed.		15,000								15,000						15,000
TMS Library and Main Office Carpet The current carpet in the Main Office, Guidance and Library areas are at the end of their useful lives. There is significant staining, wear and tear and are in need of replacement. The cost to install new carpet tiles (inflation adjusted) is about \$5.50 per square foot.		26,950		26,950												26,950
THS VCT Tile Replacements - Multi Areas The High School contains a discontinued vinyl composition tile that is no longer available for purchase. Although the worst of the cracked areas in the A wing will be addressed with bond funds, there are numerous other areas that are showing significant cracking that should be addressed over time. They are: *the backside of the A hall, turf field side of the school *the hallway outside of the athletic areas *the hallway on south side of technology hallway *the hallway outside of the gym between cafeteria side *hallway outside the Pre-K Child Development and within the Child Development classroom itself		30,000	20,000	10,000												30,000
TIS Windows Glass Replacements The Tolland Intermediate School exterior windows have been there since 1969 when the original school was built. The BOE has undertaken a painting and caulking project to paint and caulk all the 1st and 2nd floor windows both inside and outside. Many of the 1st floor windows had glass replacements two years ago during a security film project, but some of the 2nd floor windows and most of the windows above the loading dock (street side) entrance have glass seal failures. Plan for about 50 window sections to be replaced.		16,850		16,850												16,850
TIS Hobart High Temp Conveyor Dishwasher and Sink Station 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.		44,539		44,539												44,539
TOTAL BOARD OF EDUCATION		133,339	20,000	98,339	0	0	0	0	15,000	0	0	0	0	0	0	133,339

FUNCTION FY 2021-2022 Capital Budget - Year 2	ACTIVITY Fire and Ambulance			PROGRAM Fire and Ambulance										CODING 2030-00		
	Project Description	Estimated Project Cost	Existing Funds	General Fund		CNRE Fund	CAPITAL BUDGET			FUNDING SOURCES			Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals	
				Contribution	Revenue		Non Refer Notes/ Bonds	Refer Notes Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant				
Replacement of Ambulance 640 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 remount cycle saving approximately half the cost of purchasing a new ambulance. The cab and chassis was purchased with the intention of repurposing 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.	285,000													285,000		
TOTAL FIRE AND AMBULANCE		285,000	0	0	0	0	0	0	0	0	0	0	0	285,000	0	285,000

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FUNCTION		PROGRAM													CODE
FY 2021-2022 Capital Budget - Year 2		Public Facilities													2050-00
Project Description	Estimated Project Cost	ACTIVITY						BUDGET							Funding Totals
		Public Facilities						Public Facilities							
		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 Jail Museum Roof 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.	66,000							66,000						66,000	
Firehouse Improvement Implementation Phase 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 firehouses (140, 340 & 440). (Referendum required - November 2020).	3,000,000					3,000,000								3,000,000	
Public Facilities Unanticipated Improvements This account is intended to cover unanticipated Capital expenses that arise throughout the fiscal year and cannot wait for the following year to address. Items like door repairs, issues with major infrastructure components, unanticipated testing and general repairs that are not budgeted for are what this is being created for.	15,000		15,000											15,000	
ADA Pathways Cross Farms Park - Design Fees Town Citizens have expressed a concern for the lack of ADA access to the athletic fields at Cross Farms Park. None of the athletic fields have handicapped access that complies with the CT State Building Code of "Title II" of the Americans with Disabilities Act. There are residents with disabilities that cannot access the fields and have expressed a desire to attend the games. The site is challenged and needs to be professionally designed to comply with ADA standards and drainage modifications. These funds would be used towards a design that could then be used to determine the cost of implementation.	10,000		10,000											10,000	
TOTAL PUBLIC FACILITIES	3,091,000	0	25,000	0	0	0	3,000,000	66,000	0	0	0	0	0	3,091,000	

FUNCTION		ACTIVITY		PROGRAM										CODE
FY 2021-2022 Capital Budget - Year 2		Public Works		Tree Trimming										2055-00
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	Funding Totals
Tree Trimming Elimination of hazardous trees due to damage done by insect infestation.	70,000								70,000					70,000
TOTAL PUBLIC WORKS	70,000	0	0	0	0	0	0	0	70,000	0	0	0	0	70,000

FUNCTION		ACTIVITY		PROGRAM										CODE		
FY 2021-2022 Capital Budget - Year 2		Streets and Roads		Construction and Reconstruction										2060-00		
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CAPITAL BUDGET					FUNDING SOURCES			School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals	
				CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes Bonds	LOCIP Grant	TAR Grant	State & Federal Grants						
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.	103,913										103,913					103,913
TOTAL CONSTRUCTION	103,913	0	0	0	0	0	0	0	0	0	103,913	0	0	0	0	103,913

FUNCTION FY 2021-2022 Capital Budget - Year 2		ACTIVITY Streets and Roads		PROGRAM Pavement Management										CODE 2060-00 Funding Totals	
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	CAPITAL			BUDGET			FUNDING SOURCES				Other Funding Sources/ Appr Bonds
					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.	200,000									33,984	166,016				200,000
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	1,795,000						800,000							2,595,000
TOTAL PAVEMENT MANAGEMENT	5,200,000	1,795,000	0	0	0	0	0	800,000	33,984	166,016	0	0	0	0	2,795,000

YEAR 3

2022-2023

YEAR 3 CAPITAL BUDGET SUMMARY

FISCAL YEAR 2022-2023

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	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS =====>		3,006,248	439,925	420,352	0	274,131	795,000	114,984	339,929	0	0	739,132	0	6,129,701
TOWN ADMINISTRATION														
Town Administration		411,248	203,546	0	0	0	0	0	0	0	0	0	0	614,794
BOARD OF EDUCATION														
Board of Education		0	130,800	0	0	0	0	0	0	0	0	0	0	130,800
CAPITAL EQUIPMENT														
Capital Equipment		0	90,579	0	0	274,131	0	0	0	0	0	0	0	364,710
FIRE AND AMBULANCE														
Fire and Ambulance		0	0	0	0	0	0	0	0	0	0	435,000	0	435,000
PARKS AND RECREATION														
Parks and Recreation		0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC FACILITIES														
Public Facilities		0	15,000	0	0	0	0	88,000	0	0	0	0	0	103,000
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	91,913	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
SUMMARY PROJECT TOTALS		3,006,248	439,925	0	0	274,131	795,000	114,984	339,929	0	0	435,000	0	5,405,217
FUNDING SOURCE VARIANCES		0	0	420,352	0	0	0	0	0	0	0	304,132	0	724,484

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FUNCTION FY 2022-2023 Capital Budget - Year 3	PROGRAM Public Facilities													CODE 2050-00
	ACTIVITY Public Facilities		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/ Appt Bonds	
Pole Sheds for Highway Garage 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
Public Facilities Unanticipated Improvements This account is intended to cover unanticipated Capital expenses that arise throughout the fiscal year and cannot wait for the following year to address. Items like door repairs, issues with major infrastructure components, unanticipated testing and general repairs that are not budgeted for are what this is being created for.	15,000		15,000											15,000
TOTAL PUBLIC FACILITIES	103,000	0	15,000	0	0	0	0	88,000	0	0	0	0	0	103,000

FUNCTION FY 2022-2023 Capital Budget - Year 3		ACTIVITY Public Works		PROGRAM Tree Trimming										CODE 2055-00		
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		
Tree Trimming Elimination of hazardous trees due to damage done by insect infestation.	70,000										70,000					70,000
TOTAL PUBLIC WORKS	70,000	0	0	0	0	0	0	0	0	0	70,000	0	0	0	0	70,000

FUNCTION		ACTIVITY		PROGRAM											CODING	
FY 2022-2023 Capital Budget - Year 3		Streets and Roads		Construction and Reconstruction											2060-00	
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	FUNDING SOURCES				Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals	
									TAR Grant	State & Federal Grants	School Const Grant					
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.	91,913															91,913
TOTAL CONSTRUCTION	91,913	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91,913

FUNCTION		ACTIVITY		PROGRAM										CODE
FY 2022-2023 Capital Budget - Year 3		Streets and Roads		Pavement Management										2060-00
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	FUNDING SOURCES					Other Funding Sources/ Appr Bonds	Funding Totals
								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.	205,000							26,984	178,016					205,000
Road Improvements Bond referendum for road improvements over six years pursuant to the Town's Debt Management Plan. (Referendum, November 2018)	5,000,000	2,595,000					795,000							3,390,000
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														
TOTAL PAVEMENT MANAGEMENT	5,205,000	2,595,000	0	0	0	0	795,000	26,984	178,016	0	0	0	0	3,595,000

YEAR 4

2023-2024

YEAR 4 CAPITAL BUDGET SUMMARY FISCAL YEAR 2023-2024													
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	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appt Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS ==>>>	3,966,154	294,092	420,352	0	1,205,000	820,000	114,984	339,929	0	0	529,132	0	7,689,643
TOWN ADMINISTRATION													
Town Administration	576,154	191,392	0	0	0	0	0	0	0	0	0	0	767,546
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	42,700	0	0	505,000	0	0	0	0	0	0	0	42,700
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	700,000	0	0	0	0	0	85,000	0	785,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC FACILITIES													
Public Facilities	0	15,000	0	0	0	0	0	0	0	0	0	0	15,000
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	114,984	219,929	0	0	0	0	4,544,913
SUMMARY PROJECT TOTALS	3,966,154	294,092	0	0	1,205,000	820,000	114,984	339,929	0	0	85,000	0	6,320,159
FUNDING SOURCE VARIANCES	0	0	420,352	0	0	0	0	0	0	0	444,132	0	1,369,484

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FUNCTION		ACTIVITY		PROGRAM										CODE
FY 2023-2024 Capital Budget - Year 4		Fire and Ambulance		Fire and Ambulance										2030-00
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	CAPITAL BUDGET			FUNDING SOURCES			Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals	
					Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants				School Const Grant
Replacement of Engine Tank 340 Replace with a modern type of apparatus that is called squad or rescue pumper that allos 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.	700,000					700,000							700,000	
Refurbish Tank 140 2003 tanker needs an overhaul suspension, brakes, springs, mechanical and may need body work.	85,000										85,000		85,000	
TOTAL FIRE AND AMBULANCE	785,000	0	0	0	0	700,000	0	0	0	0	0	85,000	785,000	

FUNCTION FY 2023-2024 Capital Budget - Year 4		ACTIVITY Parks and Recreation		PROGRAM Parks and Recreation										CODE 2040-00 Funding Totals	
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	CAPITAL BUDGET FUNDING SOURCES					TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/	
					Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant							
NO NEW FY 2023-2024 PROJECTS FOR PARKS AND RECREATION															
TOTAL PARKS AND RECREATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

FUNCTION FY 2023-2024 Capital Budget - Year 4		ACTIVITY Public Works		PROGRAM Tree Trimming										CODE 2055-00 Funding Totals	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES										Other Funding Sources/ Appr Bonds	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	
Tree Trimming Elimination of hazardous trees due to damage done by insect infestation.	70,000											70,000		70,000	
TOTAL PUBLIC WORKS	70,000	0	0	0	0	0	0	0	0	0	0	70,000	0	70,000	

FUNCTION		PROGRAM										CODE
FY 2023-2024 Capital Budget - Year 4		Construction and Reconstruction										2060-00
Project Description		CAPITAL BUDGET FUNDING SOURCES										Funding Totals
		ACTIVITY										
		Streets and Roads										

FUNCTION		ACTIVITY		PROGRAM										CODE
FY 2023-2024 Capital Budget - Year 4		Streets and Roads		Pavement Management										2060-00
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	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.	334,913							114,984	219,929					334,913
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	3,390,000				820,000								4,210,000
TOTAL PAVEMENT MANAGEMENT	5,334,913	3,390,000	0	0	0	0	820,000	114,984	219,929	0	0	0	0	4,544,913

YEAR 5

2024-2025

YEAR 5 CAPITAL BUDGET SUMMARY

FISCAL YEAR 2024-2025

YEAR 5 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	209,606	420,352	0	1,135,000	790,000	114,984	339,929	0	534,132		8,495,063
TOWN ADMINISTRATION													
	741,060	187,106	0	0	0	0	0	0	0	0	0	0	928,166
BOARD OF EDUCATION													
	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPITAL EQUIPMENT													
	0	7,500	0	0	410,000	0	0	0	0	0	0	0	417,500
FIRE AND AMBULANCE													
	0	0	0	0	725,000	0	0	0	0	0	85,000	0	810,000
PARKS AND RECREATION													
	0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC FACILITIES													
	0	15,000	0	0	0	0	0	0	0	0	0	0	15,000
PUBLIC WORKS													
	0	0	0	0	0	0	0	70,000	0	0	0	0	70,000
STREETS AND ROADS													
	0	0	0	0	0	0	0	50,000	0	0	0	0	50,000
	4,210,000	0	0	0	0	790,000	114,984	219,929	0	0	0	0	5,334,913
SUMMARY PROJECT TOTALS													
	4,951,060	209,606	0	0	1,135,000	790,000	114,984	339,929	0	0	85,000	0	7,625,579
FUNDING SOURCE VARIANCES													
	0	0	420,352	0	0	0	0	0	0	0	449,132	0	869,484

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FUNCTION FY 2024-2025 Capital Budget - Year 5	ACTIVITY															CODING	
	Project Description	Estimated Project Cost	Capital Equipment			PROGRAM										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			
Vac Con (Highway) Our current Vac All is a 2000 Sterling which has 6,700 hours on it as well as 39,276 miles. This piece of equipment has been refurbished many times but the vacuum portion continues to rot away due to the environment that it works in. We currently spend approximately \$30,000 a year on contracted services for catch basin cleaning which is a BMP in the MS4 Program. It is considered to be in very poor condition.	410,000					410,000										410,000	
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement. (not funding depreciation due to budget constraints)	7,500		7,500													7,500	
List of Public Works Vehicles: 2018 F-250 Pickup Truck - Highway Supervisor 2018 F-250 Pickup Truck - Parks Supervisor 2015 F-350 Truck - Operations Manager																	
TOTAL CAPITAL EQUIPMENT	417,500	0	7,500	0	0	410,000	0	0	0	0	0	0	0	0	0	417,500	

FY 2024-2025 Capital Budget - Year 5															CODING 2030-00	
FUNCTION	Project Description	Estimated Project Cost	ACTIVITY Fire and Ambulance			PROGRAM Fire and Ambulance										Funding Totals
			Existing Funds	General Fund Contrib	CNRE Fund	CAPITAL BUDGET				FUNDING SOURCES						
						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 Engine Tank 440 Replace with a modern type of apparatus that is called squad or rescue pumper that allos 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.	725,000					725,000								725,000	
	Refurbish Tank 440 2003 tanker needs an overhaul suspension, brakes, springs, mechanical and may need body work.	85,000												85,000	85,000	
	TOTAL FIRE AND AMBULANCE	810,000	0	0	0	0	725,000	0	0	0	0	0	0	85,000	810,000	

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FUNCTION															CODE
FY 2024-2025 Capital Budget - Year 5															2055-00
ACTIVITY															Funding Totals
Public Works															
PROGRAM															
Tree Trimming															
CAPITAL BUDGET FUNDING SOURCES															
Tree Trimming															
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FUNCTION FY 2024-2025 Capital Budget - Year 5		ACTIVITY Streets and Roads		PROGRAM Construction and Reconstruction										CODE 2060-00	
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	Funding Totals	
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.	50,000								50,000					50,000	
TOTAL CONSTRUCTION	50,000	0	0	0	0	0	0	0	50,000	0	0	0	0	50,000	

FUNCTION	ACTIVITY		PROGRAM										CODE	
FY 2024-2025 Capital Budget - Year 5	Streets and Roads		Pavement Management										2060-00	
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
Pavement Management	334,913							114,984	219,929					334,913
Road Improvements Bond referendum for road improvements over six years pursuant to the Town's Debt Management Plan. (Referendum, November 2018)	5,000,000	4,210,000				790,000								5,000,000
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														
TOTAL PAVEMENT MANAGEMENT	5,334,913	4,210,000	0	0	0	0	790,000	114,984	219,929	0	0	0	0	5,334,913

Department: Board of Education

Division: Central Office

Prepared By: Walter Willett Superintendent

Date Prepared: October 4, 2019

** BOE Proj/Town Capital Funds Carried from FY18
When Opportunity Arises
BOE Capital Requests FY18-26

Dept. Priority	Project Title	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY2024	FY2025	FY2026	TOTAL	WOA
HIGH	TMS Paving of parking lot (excl access Rd & exit)	259,310								259,310	
HIGH	TMS New concrete front sidewalk	45,000								45,000	
HIGH	TMS Gym floor	35,000								35,000	
HIGH	TMS Gym floor	25,000								25,000	
HIGH	Dist Wide IT School Surveillance & Access Control Sys	35,000								35,000	
MEDIUM	TIS Carpet for Library and Main Office	30,350	Partially completed Summer 2019 with Adaptive Abatement(Library only)								30,350
MEDIUM	TMS & TMS Computer 1 to 1 Initiative Grd 6-12	108,431								108,431	
MEDIUM	TMS VCT Tile replacements Multi-areas		30,000							30,000	
MEDIUM	Dist Wide BOE office Window replacement		8,400							8,400	
MEDIUM	TIS Sidewalk Connection to front of School		35,000							35,000	
MEDIUM	TMS & TMS Computer 1 to 1 Initiative Grd 6-12		108,431							108,431	
MEDIUM	Dist Wide BOE Parking lot repavement			90,000						90,000	
MEDIUM	TMS & TMS Computer 1 to 1 Initiative Grd 6-12			108,431						108,431	
MEDIUM	TMS Boiler Water Filtration System			85,000						85,000	
MEDIUM	TMS and TIS Geothermal Purge Cart			5,000						5,000	
MEDIUM	TMS CO2 Sensor Replacements			10,880						10,880	
MEDIUM	TMS and TIS Spare Geothermal CXM Units			8,600						8,600	
MEDIUM	TMS Security Panel/Burglar system				15,000					15,000	
MEDIUM	TMS Library and Main Office carpet				26,950					26,950	
MEDIUM	TMS & TMS Computer 1 to 1 Initiative Grd 6-12				108,431					108,431	
MEDIUM	TIS Window Glass Replacements				16,850					16,850	
MEDIUM	TMS,TMS,TIS Interior Lighting LED Upgrades				297,394					297,394	
HIGH	Dist Wide Wireless Access Point Upgrades					130,800				130,800	
MEDIUM	TMS & TMS Computer 1 to 1 Initiative Grd 6-12					108,431				108,431	
MEDIUM	TIS Modular Roof Replacement						45,000			45,000	
MEDIUM	TMS & TMS Computer 1 to 1 Initiative Grd 6-12						108,431			108,431	
MEDIUM	TIS Hobart HighTemp ConveyorDishwasher&Sink Station			\$44,539						44,539	
HIGH	TMS Roof Replacement								5,500,000	5,500,000	
HIGH	TMS Classroom Tech Upgrades										126,122
MEDIUM	TMS STEM/Math Enhancement										50,000
HIGH	TMS Business Lab Upgrade										16,125
HIGH	TMS Music & Art Lab Upgrade										52,964
HIGH	TMS Classroom Tech Upgrades										93,000
HIGH	TMS Science Lab Tech Upgrades										56,761
MEDIUM	TMS STEM/Math Enhancement										30,000
MEDIUM	TIS Replacement Ceiling Tile (Building wide)		318,000							318,000	
CRITICAL	TMS Roof Replacement Section A-5		2,265,150							2,265,150	
HIGH	TIS Asbestos removal & replacement of floor tiles		462,180							462,180	
MEDIUM	TMS Replacement Ceiling Tile (Building wide)		318,000							318,000	
HIGH	Dist Wide School Bldg Security Upgrades	500,000								500,000	
HIGH	TMS Window, Exterior Doors & PCB Removal		880,000							880,000	
HIGH	TIS Classroom Tech Upgrades										107,590
HIGH	TIS Science Lab Tech Upgrades										34,071
MEDIUM	TMS Graphics Lab Upgrade										29,200
MEDIUM	TMS Computer Ed Labs Upgrade										75,450
MEDIUM	TMS 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										14,618
MEDIUM	TIS Keyboarding Lab Upgrade										38,853
MEDIUM	TIS Library Lab Upgrade										24,308
MEDIUM	TMS CADD Lab Upgrade										22,728
CRITICAL	DW Cloud Native Network Project(secure&fast)										49,135
HIGH	DR Server Upgrades										15,413

BOE TOTAL CAPITAL PROJECTS w/o WOA	\$1,038,091	\$4,415,161	\$352,450	\$464,625	\$239,231	\$153,431	\$0	\$5,500,000	\$12,162,989	\$2,017,971
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BOE CAPITAL PROJECTS REQUESTED	\$138,781	\$181,831	\$352,450	\$464,625	\$239,231	\$153,431	\$0	\$5,500,000	\$7,030,349
BOE CAPITAL PROJECTS REQUESTED BY TOWN	\$800,000	\$4,233,330	\$0	\$0	\$0	\$0	\$0	\$0	\$4,733,330
BOE CAPITAL PROJECTS "WOA"	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,017,971
** BOE Proj/Town Capital Funds Carried from FY18	\$399,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$399,310
ALL CAPITAL PROJECTS	\$1,038,091	\$4,415,161	\$352,450	\$464,625	\$239,231	\$153,431	\$0	\$5,500,000	\$14,180,960

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 Parks & Facilities Garage										
2019/2020 proposed 5 year CIP										
updated as of 1/1/2019										
Vehicle/Equip # Description	Year	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29
Trucks:										
63 TOL GMC 3500	1999	21	22	23	24	25	26	27	28	29
37 TOL GMC 3500	2003	17	18	19	20	21	22	23	24	25
38 TOL Ford F550	2004	16	17	18	19	20	21	22	23	24
56 TOL Ford F250	2006	11	12	13	14	15	16	17	18	19
53 TOL Ford F450	2007	13	14	15	16	17	18	19	20	21
81 TOL Ford F250	2007	13	14	15	16	17	18	19	20	21
68 TOL Ford F550	2007	13	14	15	16	17	18	19	20	21
3/4 Ton Van	2008	5	6	7	8	9	10	11	12	13
53 TOL Ford F450	2011	10	11	12	13	14	15	16	17	18
61 TOL Ford F250 (mechanics truck)	2013	8	9	10	11	12	13	14	15	16
50 TOL Ford F550	2015	6	7	8	9	10	11	12	13	14
30 TOL Ford F550	2016	4	5	6	7	8	9	10	11	12
39 TOL International 4300 Durastar	2017	3	4	5	6	7	8	9	10	11
3 TOL Ford F250	2018	2	3	4	5	6	7	8	9	10
Scheduled Replacements:										
81 TOL Ford F250	2019	1	2	3	4	5	6	7	8	9
75 TOL 3/4 Ton Van	2020	new	1	2	3	4	5	6	7	8
53 TOL Ford F450	2021	new	1	2	3	4	5	6	7	8
38 TOL Ford F550	2022	new	1	2	3	4	5	6	7	8
56 TOL Ford F250	2023	new	1	2	3	4	5	6	7	8
68 TOL Ford F550	2023	new	1	2	3	4	5	6	7	8
Equipment:										
Ford Tractor	1970	40	41	42	43	44	45	46	47	48
Sweeper	1991	29	30	31	32	33	34	35	36	37
Easy Rake	1998	22	23	24	25	26	27	28	29	30
Gravelly Snow Blower	1999	21	22	23	24	25	26	27	28	29
Gravelly Snow Blower	1999	21	22	23	24	25	26	27	28	29
John Deere Tractor	2001	19	20	21	22	23	24	25	26	27
Easy Rake	2001	19	20	21	22	23	24	25	26	27
Skidsteer New Holland 180	2001	19	20	21	22	23	24	25	26	27
Easy Rake	2005	16	17	18	19	20	21	22	23	24
Lazer Lawnmower	2005	16	17	18	19	20	21	22	23	24
Gravelly Snow Blower	2005	16	17	18	19	20	21	22	23	24
Cat Loader	2006	15	16	17	18	19	20	21	22	23
Gravelly Snow Blower	2007	14	15	16	17	18	19	20	21	22
Lazer Lawnmower	2007	14	15	16	17	18	19	20	21	22
Kubota tractor	2007	14	15	16	17	18	19	20	21	22
4000 Lawnmower	2007	14	15	16	17	18	19	20	21	22
Line Painter	2008	15	16	17	18	19	20	21	22	23
Skidsteer New Holland 170	2011	10	11	12	13	14	15	16	17	18
Toro 5910 Mower	2010	10	11	12	13	14	15	16	17	18
Ventrix mower/thruster	2013	9	10	11	12	13	14	15	16	17
ExMark Lazer Lawnmower	2014	7	8	9	10	11	12	13	14	15
ExMark Lazer Lawnmower	2014	7	8	9	10	11	12	13	14	15
ExMark Lazer Lawnmower	2014	7	8	9	10	11	12	13	14	15
ExMark Lazer Lawnmower	2014	7	8	9	10	11	12	13	14	15
Easy Rake/Smithco Groomer	2015	5	6	7	8	9	10	11	12	13
Line Painter	2017	3	4	5	6	7	8	9	10	11
Toro Mower	2018	2	3	4	5	6	7	8	9	10
60" Exmark Mower	2018	2	3	4	5	6	7	8	9	10
Scheduled Replacements:										
Mini Excavator	2019	1	2	3	4	5	6	7	8	9
Skidsteer New Holland 180	2020	new	1	2	3	4	5	6	7	8
ExMark Lazer Lawnmower	2021	new	1	2	3	4	5	6	7	8
ExMark Lazer Lawnmower	2021	new	1	2	3	4	5	6	7	8
ExMark Lazer Lawnmower	2021	new	1	2	3	4	5	6	7	8
ExMark Lazer Lawnmower	2021	new	1	2	3	4	5	6	7	8
ExMark Lazer Lawnmower	2021	new	1	2	3	4	5	6	7	8
Toro 5910 Mower	2022	new	1	2	3	4	5	6	7	8
Small Dump										
Low Profile Dump	recommended end of service	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years
Pick Up	recommended end of service	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years
Van	recommended end of service	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years

updated 11/2019		POOL VEHICLE REPLACEMENT SCHEDULE									
Pool Vehicles	FY19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27			
Director of Public Works	2015 Ford Explorer to Assessor										
	New Vehicle										New Vehicle
Building Inspector	2013 Ford Explorer to Comm Development										New Vehicle
	New Vehicle										
Elderly Outreach	2016 Dodge Caravan										
Canine	2010 F150		New Vehicle								
Fire Marshall	2011 Expedition	New Vehicle									
Assessor	2011 Expedition Surplus										
	2006 Liberty surplus	2015 Ford Explorer to Assessor									
		2006 Liberty surplus									
Recreation	2006 Cherokee	2011 Ford Explorer									
		2006 Cherokee Surplus									
Community Development	2007 Liberty	2013 Ford Explorer									
		2007 Liberty Surplus									
Fire Dept	2006 Grand Cherokee										
Pool Car #1	2015 Ford Explorer										
BOARD OF ED											
BOE #1	2012 Ford F150 Pick up			New Vehicle							
BOE #2	2015 Ford F250 Pick up				New Vehicle						
BOE #3	2008 Ford 3/4 Van				New Vehicle						

Tolland Public Safety Vehicle Replace/Rehab Schedule

Town-Owned Front-Line Apparatus

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

Vehicle Year	Current Age of Vehicle	Replace-ment Year	Year Rehab Completed or Recommended	Vehicle	Make	Model	Original Cost to Department	Cost of Rehab	Cost of Replacement	Comments
1987	32	2018 / 2024	2007	ET 540	GMC	Fire Pumper	\$146,000	\$68,000	\$625,000	
1991	28	2025	2015	T 240	Pierce Lance Quint	Aerial	\$62,500	\$132,000	1.2 million	Town purchased in 2013 USED from Berlin, CT FD
1993	26	2023 / 2025	2012	ET 440	Pierce	Fire Pumper	\$245,000	\$85,000	\$655,000	
1994	25	2024 / 2026	2016	ET 340	Pierce	Fire Pumper	\$316,000	\$90,000	\$655,000	
2000	19	2027	2020	ET 140	Pierce	Fire Pumper	\$335,410	\$150,000 \$425,000		Cap. 2019-2020
2002	17	2016	NR	R 240	KME	Rescue Truck	\$466,000		\$750,000 to \$850,000	Cap. 2019-2020
2003	16	2033	2024 / 2025	T 140	Kenworth	Tanker	\$225,000	\$90,000	\$350,000	
2003	16	2032	2023 / 2024	T 440	Kenworth	T800 - Tanker	\$225,000	\$90,000	\$350,000	
2006	13	2028	2022	ET 240	Pierce	Fire Pumper	\$440,000	\$150,000		
2015	4	2021	NR	A 640	Ford	F550 Reg Cab Chassis	\$270,000		\$275,000	Cap. 2021-2022
2017	2	2022	NR	A 540	Ford	Ambulance Mount	\$220,000		\$285,000	Full Replacement

Town-Owned Service Vehicles

Vehicle Year	Current Age of Vehicle	Replace-ment Year	Year Rehab Completed or Recommended	Vehicle	Make	Model	Original Cost to Department	Cost of Rehab	Cost of Replacement	Comments
2002	17	2023	2015	S 340	Ford	F 350 Pick Up	\$35,000	\$25,000	\$90,000	Renamed to S340 in 2016
2006	13	2018	NR	S 240	Ford	S-DTY	\$85,000		\$90,000	Cap. 2019-2020
2015	4	2030	2026	S 140	Ford	F550 Crew Cab Chassis	\$120,000	\$80,000	\$155,000	Chassis
2007	12	2020	NR	S 540	Jeep	Grand Cherokee	\$4,500		\$50,000	Reassigned from Town Pool in 2011, Fire Marshal 2015
2011	8	2020	NR	FM 140	Ford	Expedition	\$5,500		\$75,000	Reassigned from Town Pool in 2015

Tolland Public Safety Vehicle Replace/Rehab Schedule

Vehicles Owned by Tolland Fire Department, Inc.										
These vehicles are used by Career and Volunteer staff to conduct Town and Fire Department business.										
Vehicle Year	Current Age of Vehicle	Replace-ment Year	Year Rehab Completed or Recommended	Vehicle	Make	Model	Cost to Town	Cost paid by TFD Corp.	Cost of Replacement	Comments
2004	15	2024	NR	Spec. Haz Trailer	Carry On	Tow Trailer	\$0.00	\$8,500	\$15,000	TFD Corp purchased with Private Donation in 2004
2006	13	2021	NR	Deputy Chief	Chevrolet	Tahoe	\$0.00	\$20,000	\$75,000	TFD Corp purchased USED in 2014
2008	11	2021	NR	UTV-240	Polaris	Ranger 6x6 UTV	\$0.00	\$28,000	\$35,000	TFD Corp purchased in 2008
2008	11	2024	NR	ATV-240	Polaris	500 Sport 2-Up	\$0.00	\$7,500	\$15,000	TFD Corp purchased USED with Private Donation in 2014
2008	11	2028	NR	UTV-TRAILER	BIGTX	Trailer	\$0.00	\$4,500	\$7,500	TFD Corp purchased in 2008
2011	8	2021	NR	S440	Chevrolet	Tahoe	\$0.00	\$90,000	\$90,000	TFD Corp purchased in 2011
2013	6	2033	NR	Trailer	United Trailer	UXT8524TA52	\$0.00	\$12,000	\$22,000	TFD Corp purchased USED with Private Donation in 2014
2016	3	2021	2021	Chief	Chevrolet	Tahoe	\$0.00	\$90,000	\$90,000	TFD Corp purchased in 2016



Town of Vernon

Finance Department
14 Park Place
Vernon, CT 06066

Water Pollution Control Facility Upgrade

Projected Debt Service Annual Payment Schedule

Town:

Tolland

Project Cost:

\$ 69,500,000

Town Share:

5.64%

The Interim Funding Obligation was approved on September 18, 2019. Construction began in July of 2019 and is anticipated to conclude in December of 2023. The Annual Payments calculated below are based on the most recent construction schedule and estimated monthly expenditures which are expected to result in two (2) Permanent Loan Obligations (PLO).

July	2020	\$ 192,705.91
July	2021	\$ 218,541.52
July	2022	\$ 164,905.47
July	2023	\$ 164,905.47
July	2024	\$ 164,905.47
July	2025	\$ 164,905.47
July	2026	\$ 164,905.47
July	2027	\$ 164,905.47
July	2028	\$ 164,905.47
July	2029	\$ 164,905.47
July	2030	\$ 164,905.47
July	2031	\$ 164,905.47
July	2032	\$ 164,905.47
July	2033	\$ 164,905.47
July	2034	\$ 164,905.47
July	2035	\$ 164,905.47
July	2036	\$ 164,905.47
July	2037	\$ 164,905.47
July	2038	\$ 164,905.47
July	2039	\$ 72,741.78
July	2040	\$ 10,727.21
		\$ 3,298,109.49

Debt service payments from contributing towns are due July 1 annually beginning in July 2020.

Town of Tolland, Connecticut
Proposed Debt Management Plan
Fiscal Years 2021 to 2025



December 2019

Barry Bernabe
Managing Director



Executive Summary

Existing and Authorized-But-Unissued Debt

As of December 2019 the Town has outstanding tax-supported debt in the principal amount of \$34,093,767, not including sewer debt paid from assessments. Authorized-but-unissued debt totals \$14,984,739.

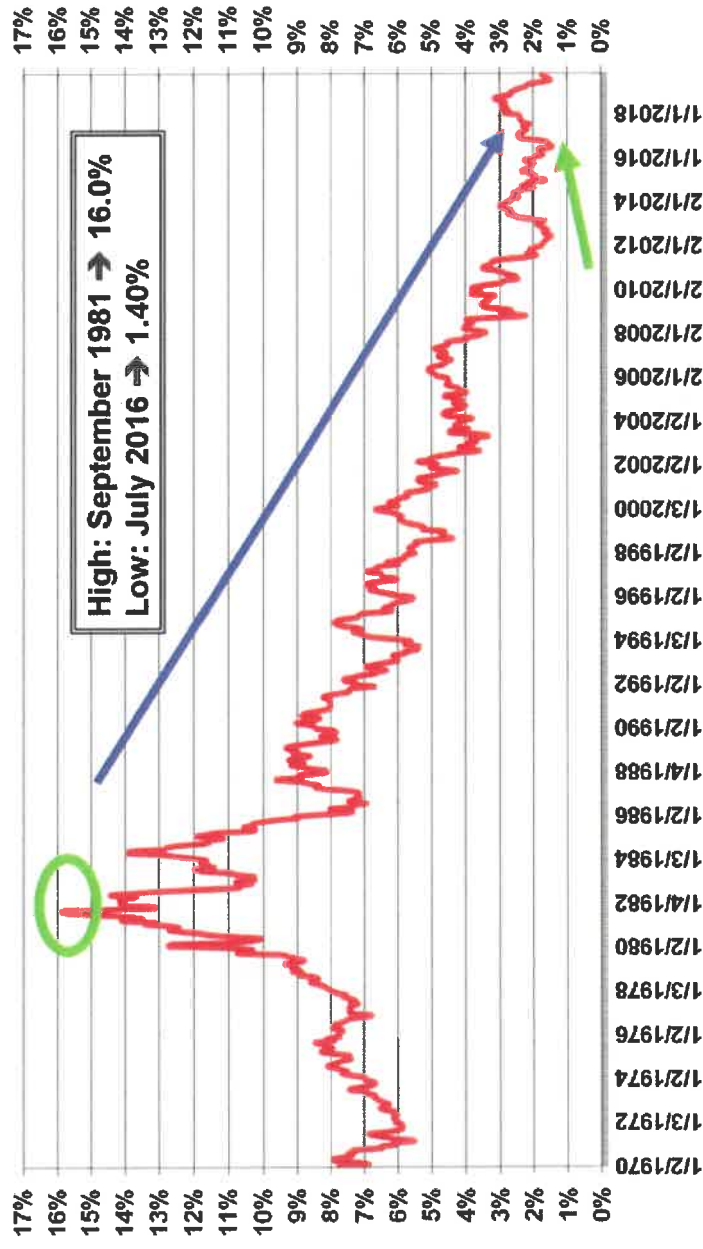
Proposed Debt Issuance Plan

Actual and proposed capital projects for fiscal years ending 2021 through 2025 total \$21,795,000.

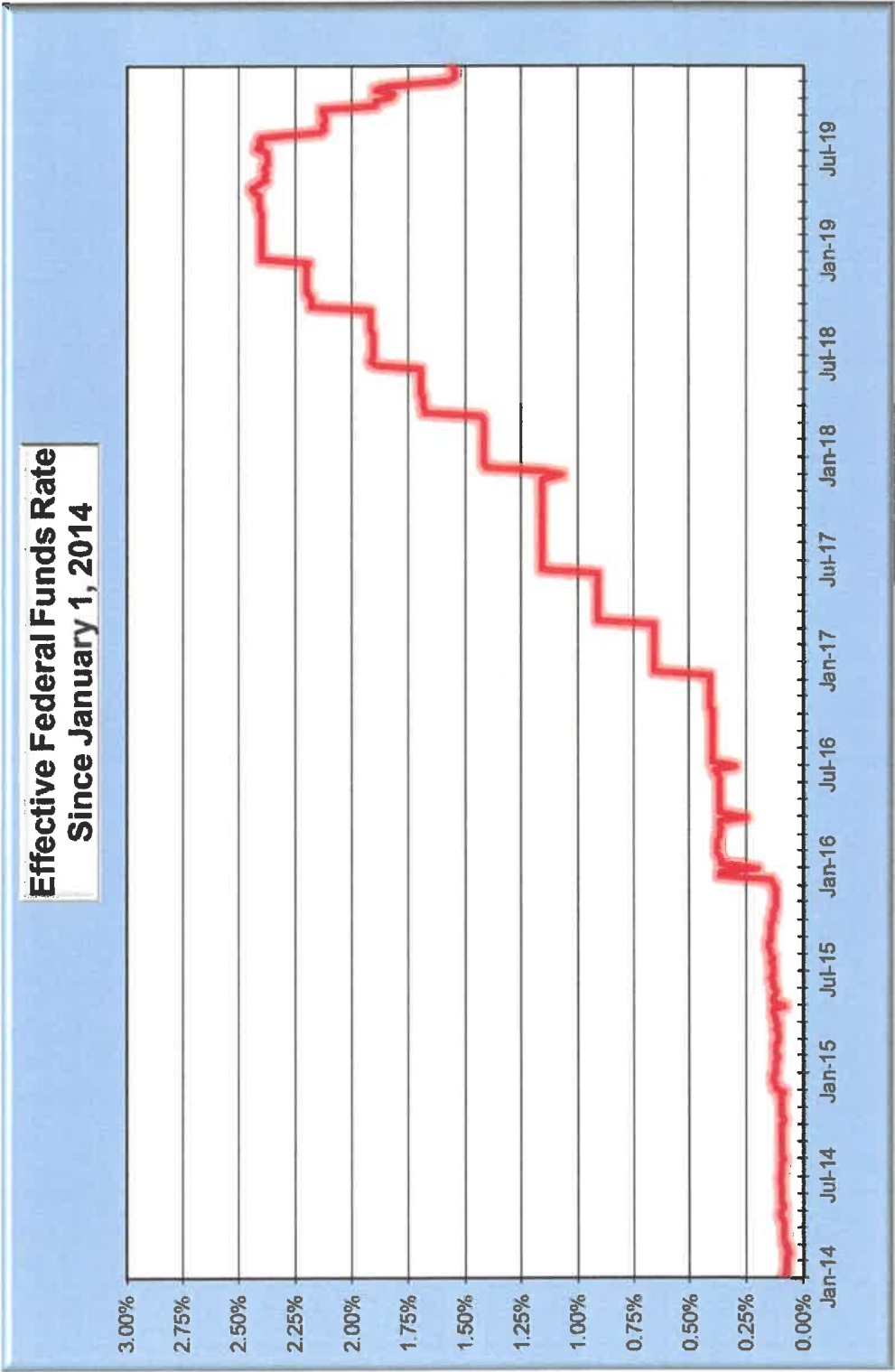
	Remaining Authorized	Capital Needs From CIP	Total Cash
	But Not Issued	FY 20-21 Plan	Needs
Year 1 - FY 2020-21	\$ 11,575,912	729,670	\$ 12,305,582
Year 2 - FY 2021-22	800,000	3,466,055	4,266,055
Year 3 - FY 2022-23	795,000	274,131	1,069,131
Year 4 - FY 2023-24	820,000	1,205,000	2,025,000
Year 5 - FY 2024-25	993,827	1,135,000	2,128,827
Year 6 - FY 2025-26	0	0	-
	\$ 14,984,739	\$ 6,809,856	\$ 21,794,595
	Amount Issued		
YEAR 1	\$ 12,305,000	Issue Bonds - Sept 2020	
YEAR 1-GANS	4,505,000	Issue GANS - Sept 2020	
YEAR 2	4,265,000	Issue BANS - Sept 2021	
YEAR 3	5,335,000	Issue Bonds - Sept 2022	
YEAR 4	2,025,000	Issue BANS - Sept 2023	
YEAR 5	4,155,000	Issue Bonds	
YEAR 6		Issue Bonds - Sept 2024	
	-		
	\$ 21,795,000	Total amount Bonded	

Long-term Interest Rates – Past 52 Years

Ten Year U.S. Treasury Yield - January 1968 to December 2019



Short-term Interest Rates



Town Ratings

Standard & Poor's, Fitch & Moody's Rating Scales

Highest	<u>AAA</u>	<u>AAA</u>	<u>Aaa</u>
	<u>AA+</u>	<u>AA+</u>	<u>Aa1</u>
	<u>AA</u>	<u>AA</u>	<u>Aa2</u>
	<u>AA-</u>	<u>AA-</u>	<u>Aa3</u>
	<u>A+</u>	<u>A+</u>	<u>A1</u>
	<u>A</u>	<u>A</u>	<u>A2</u>
	<u>A-</u>	<u>A-</u>	<u>A3</u>
	<u>BBB+</u>	<u>BBB+</u>	<u>Baa1</u>
	<u>BBB</u>	<u>BBB</u>	<u>Baa2</u>
	<u>BBB-</u>	<u>BBB-</u>	<u>Baa3</u>
Lowest			

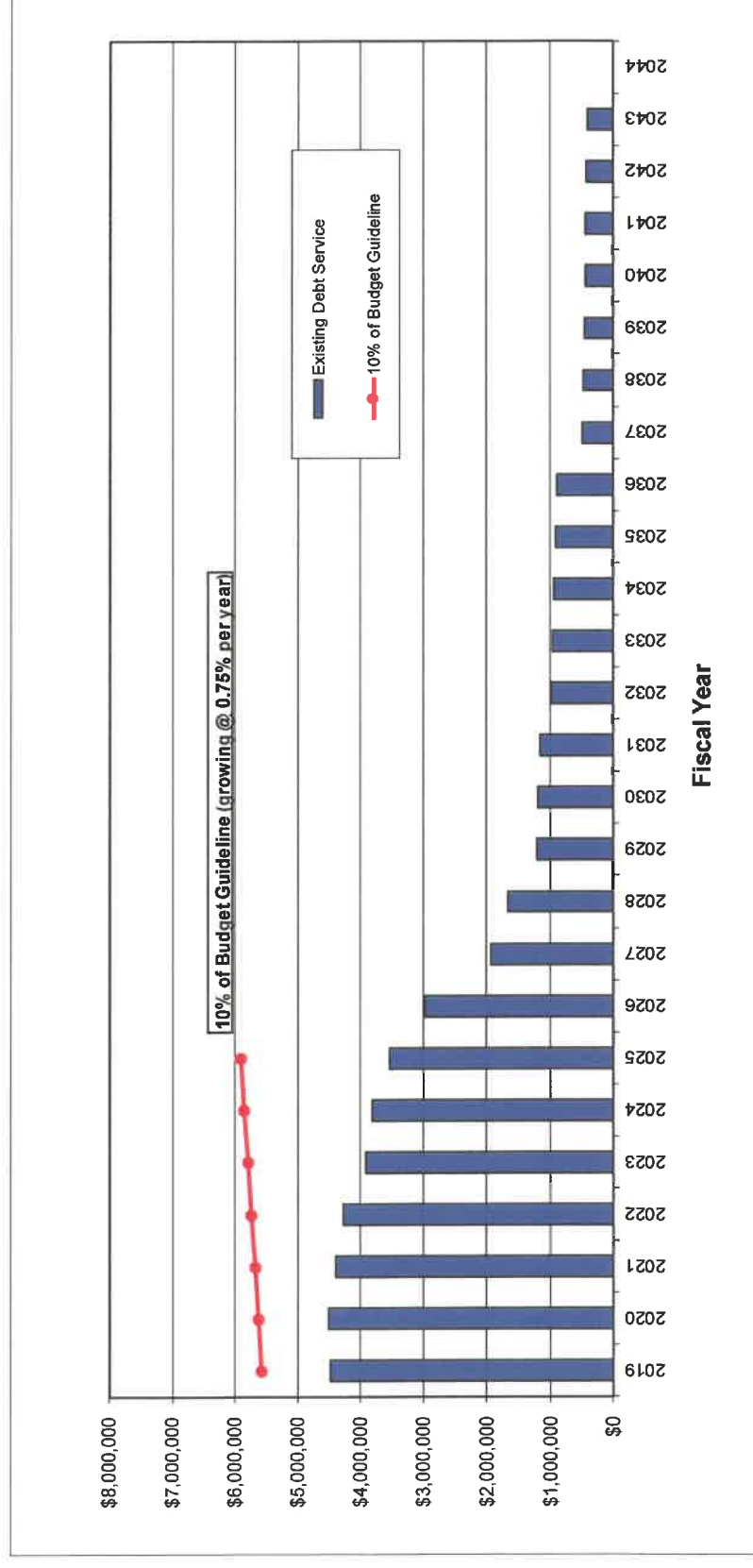


Major Rating Assessment Categories

- 1) **Management Practices – 25%**
 - Fiscal Discipline and Ability to Plan, Monitor and Manage Government Finances
- 2) **Economy & Demographics – 30%**
 - Unemployment Rate, Housing Values
- 3) **Financial Performance – 25%**
 - Fund Balance Levels & Budgetary Discipline
- 4) **Debt Management – 10%**
 - Debt % of Budget, Debt % of Grand List
- 5) **Long-term Liabilities – 10%**
 - Pension & OPEB (Retirement Health Care)

Existing Debt Service

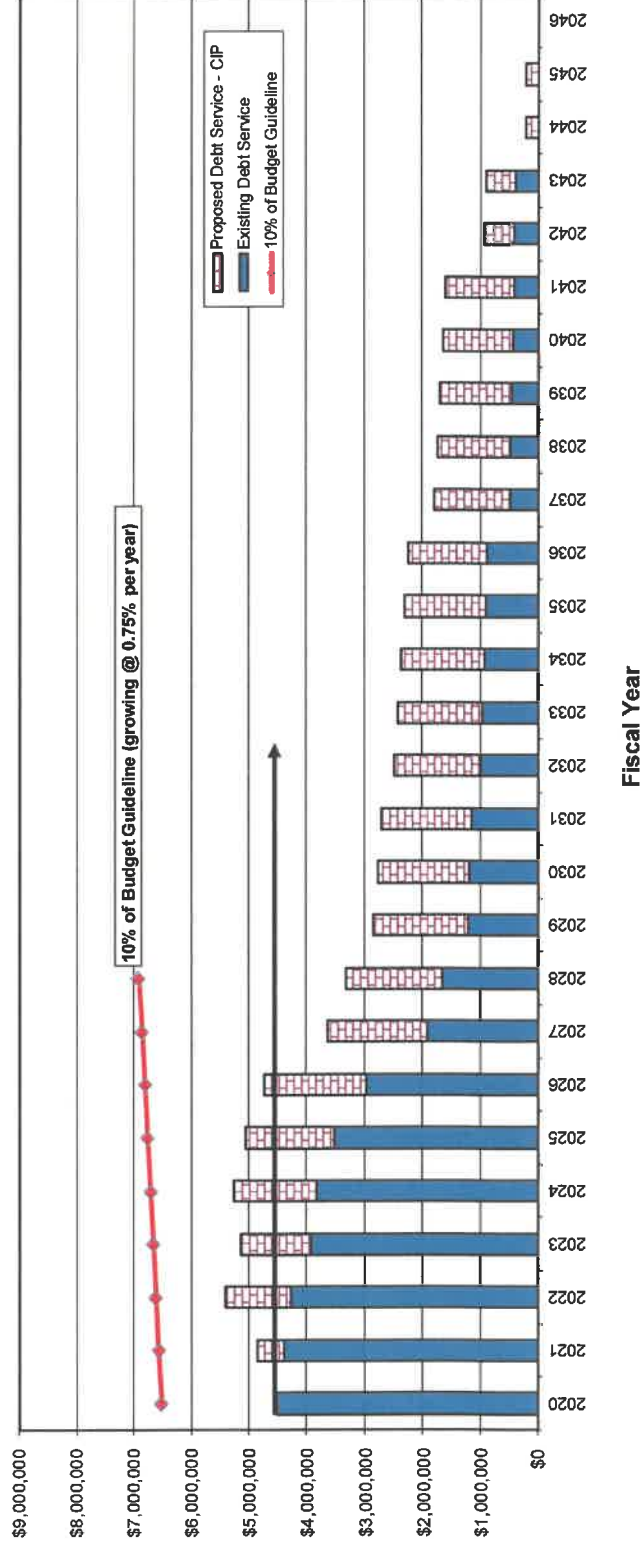
The Town's existing debt service peaks in FY 2019-20 and then decreases each year. That decrease will mitigate the impact of the new debt that will be issued for the Capital Improvement Program.



The Proposed Debt Issuance Plan makes the following assumptions:

- Bonds issues to be issued at a rate of 3.50% and increasing 0.15% for subsequent issues.
- Current Bond rates for Tolland are at 2.75%
- School bonds to be amortized over 25 years and non-school Bonds over 20 years
- Growth in the grand list was assumed at 0.75% per year

Existing & Proposed Debt Service compared to 10% of Budget
CIP Totals \$21,795,000



Summary Points

- Tax Reform Act effective January 1, 2018 has positively impacted the municipal bond market resulting in more demand for tax-exempt securities (as there are fewer options to mitigate taxes).
- Federal Reserve has decreased short-term interest rates three times in 2019 to 1.75% and they are expected to continue to lower short-term rates in 2020.
- Long-term rates remain very close to all-time lows. Current yield on the 10-year U.S. Treasury Bond is 1.80% compared to the all-time low of 1.40%.
- The Town issued \$12,670,000 of short-term BANs at a rate of 1.22% and mature in September of 2020. Plans are to issue bonds in September 2020.
- The Town has above average bond ratings: S&P & Fitch both rate the Town "AAA". These highest possible ratings will allow the Town to borrow at the lowest possible rate
- Some factors mentioned in the recent S&P and Fitch reports that justify the AAA ratings include: Very Strong Management Practices, Strong Budget Flexibility and Liquidity and Limited Pension and OPEB liabilities.
- The Town has numerous formalized policies including: Fund Balance, Debt Service and Capital Improvement.
- The Town's existing debt service amortizes aggressively, which helps to mitigate the impact of the proposed new debt.
- The proposed capital plan totals \$21,750,000 which would put moderate pressure on the Town's debt budget. The bulk of the CIP is for school improvements, especially for Birch Grove School.
- In order to manage the projected increase in debt service, the Town would need to increase the annual debt service budget for the next four years before debt levels off and starts to decrease again.
- The Town's aggressive existing debt amortization and debt service fund will help to mitigate the impact of the new debt.

Town of Tolland, Connecticut
Five Year Capital Improvement Plan
Debt Issuance Assumptions
Nov-19

	Remaining Authorized But Not Issued	Capital Needs From CIP FY 20-21 Plan	Total Cash Needs
Year 1 - FY 2020-21	\$ 11,575,912	729,670	\$ 12,305,582
Year 2 - FY 2021-22	800,000	3,466,055	4,266,055
Year 3 - FY 2022-23	795,000	274,131	1,069,131
Year 4 - FY 2023-24	820,000	1,205,000	2,025,000
Year 5 - FY 2024-25	993,827	1,135,000	2,128,827
	\$ 14,984,739	\$ 6,809,856	\$ 21,794,595

Amount Issued
\$ 12,305,000
4,505,000
4,265,000
5,335,000
2,025,000
4,155,000
\$ 21,795,000

YEAR 1
YEAR 1-GANS (Grant Anticipation Notes)
YEAR 2
YEAR 3
YEAR 4
YEAR 5

Issue Bonds - Sept 2020
Issue GANS - Sept 2020
Issue BANS - Sept 2021
Issue Bonds - Sept 2022
Issue BANS - Sept 2023
Issue Bonds

Total amount Bonded

Town of Tolland, Connecticut
Existing & Proposed Debt Service
November 2019

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 & 2013 & 2016 Energy Leases)	Annual Change in Existing Debt Service	\$12,670,000 BANs Dated: 9/19 Due: 9/20 2.00% Interest	\$4,505,000 BANs Dated: 9/20 Due: 9/21 2.5% Interest	\$12,305,000 Bonds Dated Sept 2020 Term: 20 Years Rate: 3.50%			\$4,265,000 BANs Dated: 9/21 Due: 9/22 Interest	\$5,335,000 Bonds Dated Sept 2022 Term: 20 Years Rate: 3.50%			\$2,025,000 BANs Dated: 9/23 Due: 9/24 2% Interest
							Principal	Interest	Total		Principal	Interest	Total	
2020	3,370,737	1,133,425	4,504,161	35,209	-	-			-	-	-	-	-	-
2021	3,365,737	1,007,839	4,373,575	(130,586)	251,992	-		215,338	215,338	-	-	-	-	-
2022	3,382,047	873,178	4,255,224	(118,351)	-	112,625	615,000	419,825	1,034,825	-	-	-	-	-
2023	3,176,667	737,948	3,914,615	(340,610)	-	-	615,000	398,213	1,013,213	106,625	-	93,450	93,450	-
2024	3,201,667	614,865	3,816,532	(98,083)	-	-	615,000	376,688	991,688	-	270,000	182,175	452,175	-
2025	3,011,667	508,402	3,520,068	(296,464)	-	-	615,000	355,163	970,163	-	270,000	172,725	442,725	40,500
2026	2,551,667	420,235	2,971,901	(548,167)	-	-	615,000	333,638	948,638	-	270,000	163,275	433,275	-
2027	1,560,000	362,088	1,922,088	(1,049,814)	-	-	620,000	312,113	932,113	-	270,000	153,825	423,825	-
2028	1,330,000	321,713	1,651,713	(270,375)	-	-	615,000	290,588	905,588	-	270,000	144,375	414,375	-
2029	920,000	289,838	1,209,838	(441,875)	-	-	615,000	269,063	884,063	-	270,000	134,925	404,925	-
2030	920,000	262,100	1,182,100	(27,738)	-	-	615,000	247,538	862,538	-	270,000	125,475	395,475	-
2031	920,000	233,188	1,153,188	(28,913)	-	-	615,000	226,013	841,013	-	265,000	116,025	381,025	-
2032	770,000	207,088	977,088	(176,100)	-	-	615,000	204,488	819,488	-	265,000	106,663	371,663	-
2033	770,000	183,500	953,500	(23,588)	-	-	615,000	182,963	797,963	-	265,000	97,388	362,388	-
2034	770,000	159,425	929,425	(24,075)	-	-	615,000	161,438	776,438	-	265,000	88,113	353,113	-
2035	770,000	135,350	905,350	(24,075)	-	-	615,000	139,913	754,913	-	265,000	78,838	343,838	-
2036	770,000	110,300	880,300	(25,050)	-	-	615,000	118,388	733,388	-	265,000	69,563	334,563	-
2037	390,000	90,950	480,950	(399,350)	-	-	615,000	96,863	711,863	-	265,000	60,288	325,288	-
2038	390,000	78,763	468,763	(12,188)	-	-	615,000	75,338	690,338	-	265,000	51,013	316,013	-
2039	390,000	66,575	456,575	(12,188)	-	-	615,000	53,813	668,813	-	265,000	41,738	306,738	-
2040	385,000	53,900	438,900	(17,675)	-	-	615,000	32,288	647,288	-	265,000	32,463	297,463	-
2041	385,000	40,425	425,425	(13,475)	-	-	615,000	10,763	625,763	-	265,000	23,188	288,188	-
2042	385,000	26,950	411,950	(13,475)	-	-			-	-	265,000	13,913	278,913	-
2043	385,000	13,475	398,475	(13,475)	-	-			-	-	265,000	4,638	269,638	-
2044	-	-	-	(398,475)	-	-			-	-			-	-
2045	-	-	-	-	-	-			-	-			-	-
2046	-	-	-	-	-	-			-	-			-	-
2047	-	-	-	-	-	-			-	-			-	-
2048	-	-	-	-	-	-			-	-			-	-
2049	-	-	-	-	-	-			-	-			-	-
2050	-	-	-	-	-	-			-	-			-	-
2051	-	-	-	-	-	-			-	-			-	-
2052	-	-	-	-	-	-			-	-			-	-
2053	-	-	-	-	-	-			-	-			-	-
Total	34,270,187	7,931,516	42,201,703		251,992	112,625	12,305,000	4,520,425	16,825,425	106,625	5,335,000	1,954,050	7,289,050	40,500

Town of Tolland, Connecticut
Existing & Proposed Debt Service
November 2019
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Fiscal Year	\$4,155,000 Bonds Dated Sept 2024 Term: 20 Years Rate: 3.75%			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	589,235			3.55
2021	-	-	-	-	467,330	467,330	400,000	4,840,905	4,600,000	50,000	(240,905)	748,330	336,744	7.48%	3.56
2022	-	-	-	615,000	532,450	1,147,450	50,000	5,402,674	4,750,000	150,000	(652,674)	145,655	561,769	11.60%	3.65
2023	-	-	-	615,000	598,288	1,213,288	100,000	5,127,902	4,975,000	225,000	(152,902)	92,753	(274,772)	-5.09%	3.80
2024	-	-	-	885,000	558,863	1,443,863	25,000	5,260,395	5,150,000	175,000	(110,395)	7,358	132,492	2.58%	3.90
2025	-	78,094	78,094	885,000	646,481	1,531,481	100,000	5,051,550	5,000,000	(150,000)	(51,550)	55,809	(208,845)	-3.97%	3.76
2026	210,000	152,250	362,250	1,095,000	649,163	1,744,163	-	4,716,064	4,700,000	(300,000)	(16,064)	39,745	(335,486)	-6.64%	3.51
2027	210,000	144,375	354,375	1,100,000	610,313	1,710,313	-	3,632,400	4,550,000	(150,000)	917,600	957,345	(1,083,664)	-22.98%	3.37
2028	210,000	136,500	346,500	1,095,000	571,463	1,666,463	-	3,318,175	4,550,000	0	1,231,825	2,189,170	(314,225)	-8.65%	3.34
2029	210,000	128,625	338,625	1,095,000	532,613	1,627,613	-	2,837,450	4,550,000	0	1,712,550	3,901,720	(480,725)	-14.49%	3.32
2030	210,000	120,750	330,750	1,095,000	493,763	1,588,763	-	2,770,863	4,550,000	0	1,779,138	5,680,858	(66,588)	-2.35%	3.29
2031	210,000	112,875	322,875	1,090,000	454,913	1,544,913	-	2,698,100	4,550,000	0	1,851,900	7,532,758	(72,763)	-2.63%	3.27
2032	210,000	105,000	315,000	1,090,000	416,150	1,506,150	-	2,483,238	4,550,000	0	2,066,763	9,599,520	(214,863)	-7.96%	3.25
2033	210,000	97,125	307,125	1,090,000	377,475	1,467,475	-	2,420,975	4,550,000	0	2,129,025	11,728,545	(62,263)	-2.51%	3.22
2034	210,000	89,250	299,250	1,090,000	338,800	1,428,800	-	2,358,225	4,550,000	0	2,191,775	13,920,320	(62,750)	-2.59%	3.20
2035	210,000	81,375	291,375	1,090,000	300,125	1,390,125	-	2,295,475	4,550,000	0	2,254,525	16,174,845	(62,750)	-2.66%	3.17
2036	210,000	73,500	283,500	1,090,000	261,450	1,351,450	-	2,231,750	4,550,000	0	2,318,250	18,493,095	(63,725)	-2.78%	3.15
2037	205,000	65,625	270,625	1,085,000	222,775	1,307,775	-	1,788,725	4,550,000	0	2,761,275	21,254,370	(443,025)	-19.85%	3.13
2038	205,000	57,750	262,750	1,085,000	184,100	1,269,100	-	1,737,863	4,550,000	0	2,812,138	24,066,508	(50,863)	-2.84%	3.10
2039	205,000	49,969	254,969	1,085,000	145,519	1,230,519	-	1,687,094	4,550,000	0	2,862,906	26,929,414	(50,769)	-2.92%	3.08
2040	205,000	42,281	247,281	1,085,000	107,031	1,192,031	-	1,630,931	4,550,000	0	2,919,069	29,848,483	(56,163)	-3.33%	3.06
2041	205,000	34,594	239,594	1,085,000	68,544	1,153,544	-	1,578,969	4,550,000	0	2,971,031	32,819,514	(51,963)	-3.19%	3.03
2042	205,000	26,906	231,906	470,000	40,819	510,819	-	922,769	4,550,000	0	3,627,231	36,446,745	(656,200)	-41.56%	3.01
2043	205,000	19,219	224,219	470,000	23,856	493,856	-	892,331	4,550,000	0	3,657,669	40,104,414	(30,438)	-3.30%	2.99
2044	205,000	11,531	216,531	205,000	11,531	216,531	-	216,531	4,550,000	0	4,333,469	44,437,883	(675,800)	-75.73%	2.97
2045	205,000	3,844	208,844	205,000	3,844	208,844	-	208,844	4,550,000	0	4,341,156	48,779,039	(7,688)	-3.55%	2.94
2046			-	-	-	-	-	-	4,550,000	0	4,550,000	53,329,039	(208,844)	-100.00%	2.92
2047			-	-	-	-	-	-	4,550,000	0	4,550,000	57,879,039	0	#DIV/0!	2.90
2048			-	-	-	-	-	-	4,550,000	0	4,550,000	62,429,039	0	#DIV/0!	2.88
2049			-	-	-	-	-	-	4,550,000	0	4,550,000	66,979,039	0	#DIV/0!	2.86
2050			-	-	-	-	-	-	4,550,000	0	4,550,000	71,529,039	0	#DIV/0!	2.84
2051			-	-	-	-	-	-	4,550,000	0	4,550,000	76,079,039	0	#DIV/0!	2.82
2052			-	-	-	-	-	-	4,550,000	0	4,550,000	80,629,039	0	#DIV/0!	2.79
2053			-	-	-	-	-	-							
Total	4,155,000	1,631,438	5,786,438	21,795,000	8,617,655	30,412,655	675,000	72,614,357							

Town of Tolland, Connecticut
Existing & Proposed Debt Service
November 2019
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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
2020	2,069	1,831,248,161	1.69%	61,432,213	7.41%	30,899,450
2021	2,667	1,844,982,523	2.16%	61,892,955	7.43%	39,838,713
2022	2,400	1,858,819,892	1.93%	62,357,152	7.62%	35,841,667
2023	2,146	1,872,761,041	1.71%	62,824,831	7.92%	32,050,000
2024	2,230	1,886,806,749	1.76%	63,296,017	8.14%	33,298,333
2025	1,969	1,900,957,799	1.55%	63,770,737	7.92%	29,401,667
2026	2,003	1,915,214,983	1.56%	64,249,017	7.34%	29,910,000
2027	1,825	1,929,579,095	1.41%	64,730,885	5.61%	27,250,000
2028	1,662	1,944,050,938	1.28%	65,216,367	5.09%	24,825,000
2029	1,527	1,958,631,320	1.16%	65,705,490	4.32%	22,810,000
2030	1,392	1,973,321,055	1.05%	66,198,281	4.19%	20,795,000
2031	1,258	1,988,120,963	0.94%	66,694,768	4.05%	18,785,000
2032	1,133	2,003,031,870	0.84%	67,194,979	3.70%	16,925,000
2033	1,009	2,018,054,609	0.75%	67,698,941	3.58%	15,065,000
2034	884	2,033,190,019	0.65%	68,206,683	3.46%	13,205,000
2035	760	2,048,438,944	0.55%	68,718,233	3.34%	11,345,000
2036	635	2,063,802,236	0.46%	69,233,620	3.22%	9,485,000
2037	536	2,079,280,753	0.39%	69,752,872	2.56%	8,010,000
2038	438	2,094,875,359	0.31%	70,276,018	2.47%	6,535,000
2039	339	2,110,586,924	0.24%	70,803,089	2.38%	5,060,000
2040	240	2,126,416,326	0.17%	71,334,112	2.29%	3,590,000
2041	142	2,142,364,448	0.10%	71,869,118	2.20%	2,120,000
2042	85	2,158,432,181	0.06%	72,408,136	1.27%	1,265,000
2043	27	2,174,620,423	0.02%	72,951,197	1.22%	410,000
2044	14	2,190,930,076	0.01%	73,498,331	0.29%	205,000
2045	-	2,207,362,052	0.00%	74,049,568	0.28%	-
2046	-	2,223,917,267	0.00%	74,604,940	0.00%	-
2047	-	2,240,596,646	0.00%	75,164,477	0.00%	-
2048	-	2,257,401,121	0.00%	75,728,211	0.00%	-
2049	-	2,274,331,630	0.00%	76,296,172	0.00%	-
2050	-	2,291,389,117	0.00%	76,868,394	0.00%	-
2051	-	2,308,574,535	0.00%	77,444,907	0.00%	-
2052	-	2,325,888,844	0.00%	78,025,744	0.00%	-
2053						
Total						

Five Year Capital Budget Summary of Associated Operating Costs
FY 2020-2021 through 2024-2025

<u>Function</u>	<u>Activity</u>	<u>Program</u>	<u>Project</u>	<u>Operating Costs</u>
FY 2020-2021 Capital Budget	Town Administration	Town Administration	GIS Permit Software	\$9,000 operating costs
FY 2021-2022 Capital Budget	Public Facilities	Public Facilities	Firehouse Improvements Implementation Phase	\$3,000-\$10,000 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.