




TOWN of TOLLAND / 21 tolland green, tolland, connecticut 06084

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December 11, 2018

TO: TOWN COUNCIL

FROM: STEVEN R. WERBNER 

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 2019/2020 - 2023/2024 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 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.

During the current year's budget process, the General Fund portion of the Capital Improvement Plan is \$61,906 which represented just 0.10% 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 again recommending a modest, but increased, amount from the General Fund toward the Capital Improvement Plan of \$164,448. This is an increase of \$102,542 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. \$18,981 from the General Fund as a portion of our first year payment to Vernon for upgrades to their Sewage Treatment Plant. The total first year cost is \$118,540 with the remainder coming from the CNRE Fund. This assumes that the Town is covering 100% of this expense and no portion is included in the rate base for Tolland sewer customers.
2. \$1,200,000 in non-referendum notes or bonds for the rehabilitation or replacement of an existing 560,000 gallon water storage tank. The Water Fund will be responsible for paying all principal and interest for any borrowed funds associated with this project.
3. An amount totaling \$43,400 for various projects requested by the Board of Education.
4. Replacement of Truck #81 in Parks for \$33,600 as well as the generator at the Bald Hill Communications Tower for \$24,995.
5. \$750,000 in non-referendum notes or bonds to replace Rescue 240 in the Fire Department.
6. The use of \$582,000 from our Utility Internal Service Fund reserves which as of June 30, 2018 totaled \$897,866 for the following:
 - a. \$187,000 for air conditioning at the Recreation Center.
 - b. \$28,000 for building management system at the Recreation Center.
 - c. \$340,000 for conversion of all internal lighting at TIS, Middle and High Schools. The energy savings per year is estimated to be \$37,000 for the High School alone.
 - d. \$14,000 for CO2 detectors at the three schools.
 - e. \$4,000 for a purge cart that purges air lines in the geothermal system. Currently we spend approximately \$300/month to perform this function.
 - f. \$9,000 for (2) Climate Master CXM replacement units which will allow for units to be swapped when they fail allowing for consistency in control of temperature.

As requested, 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 third year of the \$9.6 million bond issue for school improvements with work on the Tolland Intermediate School roof being completed in Year One. 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 \$2,239,369 which is 5% of the current grand levy as of FY 2018-19. The Town's Financial Advisor would like to present the updated Financial 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 \$33,431,898 over the next five years with \$8,104,822 of this amount as previously approved debt and an additional \$25,327,076 as part of this five year Capital Improvement Plan. Due to planned use of our Debt Service Reserve Fund, use of anticipated bond premiums and declining debt service, the 2019/2020 Debt Service budget and remaining years up to Year Four show no increase in funding levels.

Starting in Year 2022-23 our debt service projections show an increase of \$100,000 budgeted for debt service for each year through 2027-28 due to the possible demolition and construction of Birch Grove School at a cost of \$40 million. In Year 2028-29 we are projecting an increase of \$50,000. This will increase our debt service contributions from the current \$4.5 million to \$5.2 million through Year 2032-33. Starting in Year 2033-34 the Town Council can decide if they want to use accumulating Debt Service Fund Balance to bring the debt service contribution down to the \$4.5 million level or use some or all of the reserves to pay for future Capital projects on a pay-as-you-go basis. These estimates are very preliminary and are worst case in terms of funding since we are not including any grant funds at this point.

I have worked very closely with the Superintendent of Schools, Walt Willett as well as School Facilities Manager, Peter Sztaba in the preparation of the school portion of this Capital Plan. Many of the most significant capital needs of the school system have been met

with the \$10 million Honeywell ESCO project as well as the passage of the \$9.6 million school improvement bond issue. There are, however, smaller Capital projects which I have included in the Five-Year Plan that should be addressed using either General Fund dollars and/or BOE reserve funds.

An item of significance is the status of the Birch Grove School foundation. Through core samples, reactive pyrrhotite has been confirmed within the foundation of the school. Fourteen core samples were taken on November 21, 2018 and preliminary results show oxidation occurring within the walls of the entire school, more rapidly than thought. There is evidence of cracking and debonding of rebar. Engineers have indicated there is no structural concern at this time, but within an approximate five-year timeframe, corrections to the school need to be made. In the interim, all major Capital Improvement Projects proposed for the building will be put on hold including the roof replacement. For planning purposes, I have programmed \$100,000 in Year Three for preliminary architectural estimates for the repair/replacement of the school. In November of 2022 I would recommend a referendum to consider a bond issue of approximately \$40 million. For our debt plan we will use the assumption that \$20 million will be spent in Year Five and \$20 million in Year Six of the plan. Again, it should be stressed that these are very preliminary numbers and assume no State reimbursement. Hopefully over time the cost will be reduced. I would suggest that over the next year a joint committee of the Town Council and Board of Education be formed to start reviewing this matter and preparing options for discussion with the full Board and the public. Lastly, I would suggest that there be discussions immediately with our legislative delegation regarding the possibility of amending the State school reimbursement regulations to allow for this type of work to be covered for full reimbursement at our standard rate of 47% of construction cost.

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 during Year Two of this plan. It would be my recommendation to have a referendum in November of 2020 to consider funding for this need. In addition the Department in Year One of the plan is proposing to replace Rescue 240 and in Year Four to address the rehabilitation or replacement of ET 240. In Year Five the Department is requesting \$250,000 to begin replacement of self-contained breathing apparatus. There will be a similar request for the following year. The Department has been trying to secure federal funds to cover this cost and should know in the near term if that effort is successful. The cost of fire apparatus has increased substantially over the last several years. The Fire Capital Reserve account does not have sufficient funds to address the purchase of large pieces of equipment and therefore a non-referendum borrowing has been recommended as a source of funding.

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 data base 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. I am including \$1,000,000 next year for road maintenance from borrowed funds approved in the November 2018 referendum.

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 \$150,000 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.

Town staff stands ready at any time to discuss the details of this plan and look 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 Feb. 14, 2019.

SRW/lrb
Attachments

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

FIVE YEAR CAPITAL IMPROVEMENT PLAN
BUDGET SUMMARIES FOR FISCAL YEARS 2019-2020 THROUGH 2023-2024
Italic indicates the recurring projects

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds for next budget	FY 2019-2020	FY 2020-2021	FY 2021-2022	FY 2022-2023	FY 2023-2024	Funding Totals FY 2020-2024
TOWN ADMINISTRATION								
Town Administration								
<i>Replacement of Light Duty Vehicles - Town</i>	<i>70,569</i>		<i>15,009</i>	<i>16,140</i>	<i>13,140</i>	<i>13,140</i>	<i>13,140</i>	<i>70,569</i>
<i>Replacement of Light Duty Vehicles - BOE</i>	<i>63,930</i>		<i>12,786</i>	<i>12,786</i>	<i>12,786</i>	<i>12,786</i>	<i>12,786</i>	<i>63,930</i>
New Chevy Tahoe for Fire Marshal	50,000			50,000				50,000
Town of Vernon Water Pollution Control Facility Plan	4,146,805		118,540	236,980	235,152	231,696	228,240	1,050,608
GIS Planimetric Data Update	20,000		20,000					20,000
SUBTOTAL TOWN ADMINISTRATION	4,351,304	0	166,335	315,906	261,078	257,622	254,166	1,255,107
WATER FACILITIES								
Water Facilities								
Replace/Rehabilitate Steel Water Storage Tank	1,500,000		1,500,000					1,500,000
SUBTOTAL WATER FACILITIES	1,500,000	0	1,500,000	0	0	0	0	1,500,000
BOARD OF EDUCATION								
Board of Education								
School Projects	9,600,000	9,600,000						9,600,000
District Wide BOE Office Window Replacement	8,400		8,400					8,400
TIS Sidewalk Connection to the Front of the School	25,000		25,000					25,000
THS VCT Tile Replacement - Multi Areas	30,000		10,000	10,000	10,000			30,000
District Wide Energy Efficient Projects	370,000		370,000					370,000
District Wide BOE Parking Lot Repavement	53,000			53,000				53,000
THS Security Panel/Burglar System	15,000				15,000			15,000
TMS Library and Main Office Carpet	26,950				26,950			26,950
TIS Modular Roof Replacment	45,000						45,000	45,000
SUBTOTAL BOARD OF EDUCATION	10,173,350	9,600,000	413,400	63,000	51,950	0	45,000	10,173,350

FIVE YEAR CAPITAL IMPROVEMENT PLAN
BUDGET SUMMARIES FOR FISCAL YEARS 2019-2020 THROUGH 2023-2024

Italics indicates the recurring projects

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	FY 2019-2020	FY 2020-2021	FY 2021-2022	FY 2022-2023	FY 2023-2024	Funding Totals FY 2020-2024
CAPITAL EQUIPMENT								
Capital Equipment								
<i>Replacement of Light Duty Vehicles</i>	<i>73,416</i>			<i>18,779</i>	<i>18,779</i>	<i>18,929</i>	<i>16,929</i>	<i>73,416</i>
Mini Excavator	70,400		70,400					70,400
Replacement of Truck #81	33,600		33,600					33,600
Bald Hill Generator	24,995		24,995					24,995
Senior Center Generator	29,744		29,744					29,744
Replacement of Truck #9	33,000			33,000				33,000
Refurbishment of Truck #33	63,900			63,900				63,900
New Holland Skid Steer	74,160			74,160				74,160
Cargo Van (Parks)	24,255			24,255				24,255
Replacement of Truck #25	84,710			84,710				84,710
Replacement of Truck #35	177,000				177,000			177,000
Replacement of Service Truck 450	52,105				52,105			52,105
72" Exmark Mowers (4)	50,000				50,000			50,000
Replacement of Truck #53	88,950				88,950			88,950
Front End Loader	251,320					251,320		251,320
Replacement of Truck #38	93,181					93,181		93,181
16' Toro Mower	103,950					103,950		103,950
Pick-Up Truck #56	32,000						32,000	32,000
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
SUBTOTAL CAPITAL EQUIPMENT	1,514,686	1,448,175,000	158,739	298,804	386,834	467,380	202,929	1,514,686
FIRE AND AMBULANCE								
Fire and Ambulance								
<i>Contribution to Emergency Services Equipment Reserve</i>								
Replacement of AED Program	35,000	17,500	17,500					35,000
Replacement of Service 240 First Response Vehicle	90,000		90,000					90,000
Refurbishment of ET-140	140,000		140,000					140,000
Replacement of Rescue 240	750,000		750,000					750,000
Replacement of Personal Protective Equipment	35,000			35,000				35,000
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 Self Contained Breathing Apparatus	250,000						250,000	250,000
SUBTOTAL FIRE AND AMBULANCE	2,020,000	17,500	997,500	35,000	285,000	435,000	250,000	2,020,000

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
BUDGET SUMMARIES FOR FISCAL YEARS 2019-2020 THROUGH 2023-2024**

Italics indicated recurring projects

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	FY 2019-2020	FY 2020-2021	FY 2021-2022	FY 2022-2023	FY 2023-2024	Funding Totals FY 2020-2024
PARKS AND RECREATION								
Parks and Recreation								
New Playground Area	47,355		47,355					47,355
Gym Floor at Recreation Center	40,810			40,810				40,810
SUBTOTAL PARKS AND RECREATION	88,165	0	47,355	40,810	0	0	0	88,165
PUBLIC FACILITIES								
Public Facilities								
Repainting of Arts Building	28,600		28,600					28,600
Air Conditioning for Recreation Center	187,000		187,000					187,000
BMS for Recreation Center	28,000		28,000					28,000
Firehouse Design Phase	100,000			100,000				100,000
Replacement of USTs Jail Museum	12,100			12,100				12,100
Firehouse Improvement Implementation	3,000,000				3,000,000			3,000,000
Birch Grove School Architectural Analysis	100,000				100,000			100,000
Jail Museum Roof Replacement	66,000				66,000			66,000
Pole Sheds	88,000					88,000		88,000
Public Facilities Yearly Improvements	60,000			15,000	15,000	15,000	15,000	60,000
Birch Grove School Construction	40,000,000						40,000,000	40,000,000
SUBTOTAL PUBLIC FACILITIES	43,669,700	0	243,600	127,100	3,181,000	103,000	40,015,000	43,669,700
STREETS AND ROADS								
Construction and Reconstruction								
<i>Drainage Construction and Design</i>	<i>723,737</i>		<i>154,945</i>	<i>199,264</i>	<i>208,264</i>	<i>111,264</i>	<i>50,000</i>	<i>723,737</i>
Plains Road Culvert	319,000		319,000					319,000
Pavement Management								
Road Improvements	4,000,000		1,000,000	725,000	800,000	725,000	750,000	4,000,000
Cross Farms Parking Lot (Rear)	151,800			151,800				151,800
<i>Various Roads</i>	<i>1,143,484</i>			<i>275,000</i>	<i>200,000</i>	<i>275,000</i>	<i>393,484</i>	<i>1,143,484</i>
SUBTOTAL STREETS AND ROADS	6,338,021	0	1,473,945	1,351,064	1,208,264	1,111,264	1,193,484	6,338,021
CIP GRAND TOTALS	69,655,226	1,457,792,500	5,000,874	2,231,684	5,374,126	2,374,266	41,960,579	66,559,029

YEAR 1 CAPITAL BUDGET SUMMARY FISCAL YEAR 2019-2020													
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 =====>	9,617,500	164,448	440,557	47,355	2,239,369	1,000,000	135,149	338,796	314,872	0	725,186	655,400	15,678,632
TOWN ADMINISTRATION													
Town Administration	0	18,981	147,354	0	0	0	0	0	0	0	0	0	166,335
WATER FACILITIES													
Water Facilities*	0	0	0	0	1,200,000	0	0	0	300,000	0	0	0	1,500,000
BOARD OF EDUCATION													
Board of Education	9,600,000	43,400	0	0	0	0	0	0	0	0	0	370,000	10,013,400
CAPITAL EQUIPMENT													
Capital Equipment	0	58,595	0	0	0	0	0	0	0	0	0	70,400	128,995
FIRE AND AMBULANCE													
Fire and Ambulance	17,500	0	0	0	750,000	0	0	0	0	0	247,500	0	1,015,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	47,355	0	0	0	0	0	0	0	0	47,355
PUBLIC FACILITIES													
Public Facilities	0	43,472	0	0	0	0	0	0	14,872	0	0	215,000	273,344
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	135,149	338,796	0	0	0	0	473,945
Pavement Management	0	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
SUMMARY PROJECT TOTALS	9,617,500	164,448	147,354	47,355	1,950,000	1,000,000	135,149	338,796	314,872	0	247,500	655,400	14,618,374
FUNDING SOURCE VARIANCES	0	0	293,203	0	289,369	0	0	0	0	0	477,686	0	1,060,258

* The Water Fund is 100% responsible for the debt payments associated with this financing.

[illegible]

FUNCTION	ACTIVITY													CODE
FY 2019-2020 Capital Budget - Year 1	Water Facilities													Water
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
Replace/Rehabilitate Steel Water Storage Tank The existing 106-foot tall, 560,000 gallon welded steel water storage tank was constructed in 1988. Although it has been regularly maintained, including the periodic required internal visual and video inspection, we believe it is nearing the end of its useful life. The tank is a highly critical facility and it is the only storage tank in our distribution system. In simple tems, our choices are to rehabilitate the tank by emptying it, making any repairs necessary, then recoating all inside and outside surfaces OR to purchase a new storage tank. Due to improvements in tank technology, a new tank may not need to be a 560,000 gallon capacity tank, but we will not know the specifics until more engineering work is completed. *The Water Fund will be responsible for paying all principal and interest for any borrowed funds. Funding Source for debt would come from Drinking Water Fund financing which would be considered debt under our charter requirements.	1,500,000					1,200,000 *				300,000			1,500,000	
TOTAL WATER FACILITIES	1,500,000	0	0	0	0	1,200,000	0	0	0	300,000	0	0	0	1,500,000

FUNCTION	ACTIVITY		PROGRAM											CODE
FY 2019-2020 Capital Budget - Year 1	Board of Education		Board of Education											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
School Projects Bond referendum was approved 11/2016. Bond referendum for school projects over three years pursuant to the Town's Debt Management Plan. The debt will be issued each year as follows. This is year three. Debt Management Plan: Year One: FY 2017/2018 - \$2,665,128 Year Two: FY 2018/2019 - \$5,421,967 Year Three: FY 2019/2020 - <u>\$1,512,905</u> Total - \$9,600,000	9,600,000	9,600,000												9,600,000
District Wide BOE Office Window Replacement Current windows are non-energy efficient windows that are at the end of their useful life. Proposed replacement with energy efficient windows with grills to maintain historic preservation of the building. Likely lead paint on exterior window brickmolding will need to be removed/abated/encapsulated.	8,400		8,400											8,400
TIS Sidewalk Connection from Portables to Front of School With the new senior housing project underway at the old Parker Elementary School, much of the access on the left hand side of the school to the LEAP program and portable classroom storage areas will be very restricted due to the housing facilities new parking area. The thought is to construct a sidewalk, either with concrete or bituminous asphalt to join the front bus lane to the fire exit canopy area in the rear of the building adjacent to the portable classrooms. This is the only ADA rated fire exit for the entire second floor area as it discharges on grade. Ideally, a sidewalk should be constructed that connects this area to the front of the school. We would estimate around 100' of length in the vicinity of 8' to 10' wide.	25,000		25,000											25,000
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		10,000											10,000
District-Wide Energy Efficient Projects See next page for description. (funding source UISF)	370,000												370,000	370,000
TOTAL BOARD OF EDUCATION	10,033,400	9,600,000	43,400	0	0	0	0	0	0	0	0	0	370,000	10,013,400

FUNCTION	ACTIVITY	PROGRAM	CODE
FY 2019-2020 Capital Budget - Year 1	Board of Education	Board of Education	2010-06
Project Description			
<p>1. Conversion of all internal lighting at Tolland Intermediate, Middle, and High Schools to LED. This would cost about \$343,000 and would save \$37,000 each year at the High School alone.</p> <p>2. CO2 detectors - by installing/replacing these it will reduce the amount of the dampers that have to be open. It will help better regulate temperature, and likely save on energy and wear and tear as the mechanisms may be engaged less often with better monitoring. Cost is about \$14,000.</p> <p>3. Purge Cart - this unit would purge the air lines in the geothermal system and allow us to add antifreeze to the loops. Right now having an outside vendor do this multiple times a month costs (estimated) \$300 each month. The unit we would purchase cost about \$4,000, therefore after about 14 months the cost of this unit would be recouped and would allow the Town/District to save funds.</p> <p>4. Climate Master CXM replacements. When these units have problems, the time while a room or area is without heat can be longer than is optimal. By having two Climate Master CXM units we can swap a unit and get the climate control going again in short order while the problem unit is being replaced, rather than having to wait or move people while a unit is being replaced. These two "backup" units would be about \$9,000.</p>			

FUNCTION	ACTIVITY				PROGRAM									CODE
FY 2019-2020 Capital Budget - Year 1	Capital Equipment				Capital Equipment									2020-00
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	
Replacement of Truck #81 (Parks) This vehicle is used as a transport vehicle for snow removal operations and equipment. During the regular season it is primarily used for prepping the ball fields. The current vehicle is a 2007 Ford F-250 that has 112,264 miles on it. Due to the high mileage and body conditions, this vehicle is rated as being in poor condition.	33,600		33,600											33,600
Mini Excavator (Parks) This piece of equipment is used primarily for the excavation of graves within the Town's Cemeteries. Due to the rocky environment that is typically encountered while digging, the use of a machine mounted hammer is required. This lends to the abuse that is experienced by this machine. We are looking to replace our current 2007 Kubota with 3,205 hours on it. The Kubota is rated as being in fair condition. To be totally funded out of the Cemetery Fund which has an estimated balance of \$209,837.	70,400												70,400	70,400
Bald Hill Generator This generator is 10 years old and is burning both oil and antifreeze which is a sign that the internal components, such as the rings and pistons are failing. This is a priority piece of equipment that provides the necessary backup in case of a power failure for the radio tower on Bald Hill which is where the 911 calls are generated from. This has been serviced on an annual basis and is now at a point where it should be replaced as it is in poor condition.	24,995		24,995											24,995
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement. (not funding depreciation due to budget constraints)	24,479													0
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	153,474	0	58,595	0	0	0	0	0	0	0	0	0	70,400	128,995

FUNCTION	ACTIVITY	PROGRAM													CODE
FY 2019-2020 Capital Budget - Year 1	Fire and Ambulance	Fire and Ambulance													2030-00
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		
Replacement AED Program More than 10 years ago with the addition of AEDs (Automatic External Defibrillators), the department first qualified as a HEARTSafes Community. The Fire Department was able to expand our fleet of AEDs when those units that weren't being used by a local sports group, were donated to the department. The addition of these units enabled us to equip each station as well as our first-response vehicles with AEDs which allows for quick, easy access and provides greater coverage to the Town. The Department recently initiated replacement of our AED units. This is the second half of the replacement program. We feel this strategy will lessen the financial impact of the program and allow for more manageable spending not only for the units themselves but for the maintenance batteries and pad supply costs as well. The current units are in need of replacement due to changes in technology and some are not able to download the new software.	35,000	17,500										17,500		35,000	
Replacement of 2006 Service 240 First Response Vehicle This vehicle will be 13 years old and have approximately 85,000 to 90,000 miles on it. This vehicle is used by line officers, career staff and other members as a first response vehicle. The use of this vehicle prevents unnecessary use of larger and more expensive equipment. Because this vehicle is smaller, it is more versatile to rapidly respond to and assist at various emergencies. This vehicle will require some up fitting of new equipment such as; graphics, emergency lights, snowplow, radio console and other miscellaneous equipment.	90,000											90,000		90,000	
Refurbishment of ET-140 This truck will need the pump and tank overhauled to extend the truck's life expectancy. The truck will also have all of the mechanical components inspected and if necessary repaired (the engine, transmission, brakes, suspension and radiator). Any necessary bodywork will be completed to eliminate electrolysis on the body and frame. This truck is located out at Station 140 on Crystal Lake Road. The department is confident that a refurbishment can extend the useful life an additional 10 years.	140,000											140,000		140,000	
Replacement of Rescue 240 After several years of justifying the addition of a second aerial device. Our department has decided to defer this request until our facility needs have been addressed. We have been requesting additional space at several firehouses for many years which now has been merged into a master facilities improvement plan for the community. At this time, we feel that it is in the best interest of the community to replace Rescue 240. Rescue 240 went into service in 2002. Unfortunately, Rescue 240 requires more maintenance than is desirable and normal for the age of the vehicle. There have been several engineering and design improvements that have become available to our industry since the current truck was specified and ordered in 2001. Replacement of Rescue 240 will ensure that our Rescue Company has a safe and reliable vehicle to operate while improving upon our technical and operational capabilities.	750,000					750,000								750,000	
TOTAL FIRE AND AMBULANCE	1,015,000	17,500	0	0	0	750,000	0	0	0	0	0	247,500	0	1,015,000	

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FUNCTION	ACTIVITY		PROGRAM											CODE
FY 2019-2020 Capital Budget - Year 1	Public Facilities		Public Facilities											2050-00
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
Repainting of the Arts Building This building is located on the Town Green and is used frequently. The building has a wooden clapboard siding and wood trim. The entire building, windows included, needs to be scraped, caulked, replacement of any deteriorated wood, primed and then painted. The last time this was addressed was approximately 12 years ago.	28,600		28,600											28,600
Air Conditioning for the Recreation Center This building had a new boiler installed in 2017. Part of the project was to install air conditioning for the entire facility as well. Due to the cost of the project, the AC portion was put on hold for a year. The building currently uses large window units to cool spaces as needed which are very inefficient to use. The new system would be controlled by a BMS which provides energy efficient operation. Funding from Utility Internal Service Fund.	187,000												187,000	187,000
Building Management System Recreation Center The Recreation Center is one of our most widely used facilities. We currently have very little control of the heating and lighting systems. We are proposing to have a new air conditioning system installed in 2019 and utilizing a BMS will help us to control the daily utility costs associated with the lighting and HVAC. Funding from Utility Internal Service Fund.	28,000												28,000	28,000
Public Facilities Yearly 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 and general repairs that are not budgeted for are what this is being created for. (not funding due to budget constraints)	15,000													0
Senior Center Generator The Town has been awarded a grant for a generator for our shelter at the Senior Center under the Federal Emergency Management program. Matching funds are needed to cover the Town's share of the cost.	29,744		14,872							14,872				29,744
TOTAL PUBLIC FACILITIES	288,344	0	43,472	0	0	0	0	0	0	14,872	0	0	215,000	273,344

FUNCTION		ACTIVITY							PROGRAM						CODE
FY 2019-2020 Capital Budget - Year 1		Streets and Roads							Construction and Reconstruction						2060-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES												Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds		
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.	154,945							135,149	19,796					154,945	
Plains Road Culvert Major repairs have been identified and need to be made to the culvert on Plains Road near the Girl Scout Camp. While the three, 60" concrete pipes are in good shape, the joints within them need to be cleaned out and regouted. Both of the head walls need to be replaced with further reaching concrete walls which will contain more reinforcement rebar within them.	319,000								319,000					319,000	
TOTAL CONSTRUCTION		473,945	0	0	0	0	0	0	135,149	338,796	0	0	0	0	473,945

FUNCTION	ACTIVITY		PROGRAM											CODE
FY 2019-2020 Capital Budget - Year 1	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
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 - \$725,000 Year Three: FY 2021/2022 - \$800,000 Year Four: FY 2022/2023 - \$725,000 Year Five: FY 2023/2024 - \$750,000 Year Six: FY 2024/2025 - \$1,000,000	5,000,000						1,000,000							1,000,000
TOTAL PAVEMENT MANAGEMENT	5,000,000	0	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000

YEAR 2 CAPITAL BUDGET SUMMARY FISCAL YEAR 2020-2021													
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 =====>	1,128,540	382,482	293,203	40,810	474,570	725,000	135,468	338,796	0	0	952,686	0	4,471,555
TOWN ADMINISTRATION													
Town Administration	118,540	216,348	99,558	0	0	0	0	0	0	0	0	0	434,446
BOARD OF EDUCATION													
Board of Education	10,000	63,000	0	0	0	0	0	0	0	0	0	0	73,000
CAPITAL EQUIPMENT													
Capital Equipment	0	76,034	0	0	222,770	0	0	0	0	0	0	0	298,804
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	0	35,000	0	35,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	40,810	0	0	0	0	0	0	0	0	40,810
PUBLIC FACILITIES													
Public Facilities	0	27,100	0	0	100,000	0	0	0	0	0	0	0	127,100
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	0	199,264	0	0	0	0	199,264
Pavement Management	1,000,000	0	0	0	151,800	725,000	135,468	139,532	0	0	0	0	2,151,800
SUMMARY PROJECT TOTALS	1,128,540	382,482	99,558	40,810	474,570	725,000	135,468	338,796	0	0	35,000	0	3,360,224
FUNDING SOURCE VARIANCES	0	0	193,645	0	0	0	0	0	0	0	917,686	0	1,111,331

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FUNCTION		ACTIVITY		PROGRAM										CODE
FY 2020-2021 Capital Budget - Year 2		Fire and Ambulance		Fire and Ambulance										2030-00
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	
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.	35,000											35,000		35,000
TOTAL FIRE AND AMBULANCE	35,000	0	0	0	0	0	0	0	0	0	0	35,000	0	35,000

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FUNCTION		ACTIVITY							PROGRAM						CODE
FY 2020-2021 Capital Budget - Year 2		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	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.		199,264								199,264					199,264
TOTAL CONSTRUCTION		199,264	0	0	0	0	0	0	0	199,264	0	0	0	0	199,264

FUNCTION	ACTIVITY		PROGRAM											CODE
FY 2020-2021 Capital Budget - Year 2	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.	275,000							135,468	139,532					275,000
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					725,000							1,725,000
Debt Management Plan: Year One: FY 2019/2020 - \$1,000,000 Year Two: FY 2020/2021 - \$725,000 Year Three: FY 2021/2022 - \$800,000 Year Four: FY 2022/2023 - \$725,000 Year Five: FY 2023/2024 - \$750,000 Year Six: FY 2024/2025 - \$1,000,000														
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	5,426,800	1,000,000	0	0	0	151,800	725,000	135,468	139,532	0	0	0	0	2,151,800

YEAR 3 CAPITAL BUDGET SUMMARY FISCAL YEAR 2021-2022													
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 ==>	2,150,520	247,249	193,645	0	468,055	3,800,000	135,468	338,796	0	0	1,142,686	0	8,476,419
TOWN ADMINISTRATION													
Town Administration	355,520	161,520	99,558	0	0	0	0	0	0	0	0	0	616,598
BOARD OF EDUCATION													
Board of Education	20,000	51,950	0	0	0	0	0	0	0	0	0	0	71,950
CAPITAL EQUIPMENT													
Capital Equipment	0	18,779	0	0	368,055	0	0	0	0	0	0	0	386,834
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	15,000	0	0	100,000	3,000,000	66,000	0	0	0	0	0	3,181,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	0	208,264	0	0	0	0	208,264
Pavement Management	1,725,000	0	0	0	0	800,000	69,468	130,532	0	0	0	0	2,725,000
SUMMARY PROJECT TOTALS	2,100,520	247,249	99,558	0	468,055	3,800,000	135,468	338,796	0	0	285,000	0	7,474,646
FUNDING SOURCE VARIANCES	50,000	0	94,087	0	0	0	0	0	0	0	857,686	0	1,001,773

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FUNCTION		ACTIVITY		PROGRAM										CODE	
FY 2021-2022 Capital Budget - Year 3		Fire and Ambulance		Fire and Ambulance										2030-00	
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
Replacement of Ambulance 640		285,000											285,000		285,000
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.															
TOTAL FIRE AND AMBULANCE		285,000	0	0	0	0	0	0	0	0	0	0	285,000	0	285,000

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FUNCTION		ACTIVITY				PROGRAM									CODE
FY 2021-2022 Capital Budget - Year 3		Public Facilities				Public Facilities									2050-00
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		
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).	3,000,000						3,000,000							3,000,000	
Public Facilities Yearly 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 and general repairs that are not budgeted for are what this is being created for.	15,000		15,000											15,000	
Birch Grove School Architectural Analysis As a result of pyrrhotite in the foundation we will be required to obtain services to determine new school construction and design costs.	100,000					100,000								100,000	
TOTAL PUBLIC FACILITIES	3,181,000	0	15,000	0	0	100,000	3,000,000	66,000	0	0	0	0	0	3,181,000	

FUNCTION		ACTIVITY		PROGRAM										CODE
FY 2021-2022 Capital Budget - Year 3		Streets and Roads		Construction and Reconstruction										2060-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES												Funding Totals
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
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.	208,264								208,264					208,264
TOTAL CONSTRUCTION	208,264	0	0	0	0	0	0	0	208,264	0	0	0	0	208,264

FUNCTION	ACTIVITY		PROGRAM											CODE
FY 2021-2022 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	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.	200,000							69,468	130,532					200,000
Road Improvements Bond referendum for road improvements over six years pursuant to the Town's Debt Management Plan. (Referendum, November 2018)	5,000,000	1,725,000					800,000							2,525,000
Debt Management Plan: Year One: FY 2019/2020 - \$1,000,000 Year Two: FY 2020/2021 - \$725,000 Year Three: FY 2021/2022 - \$800,000 Year Four: FY 2022/2023 - \$725,000 Year Five: FY 2023/2024 - \$750,000 Year Six: FY 2024/2025 - \$1,000,000														
TOTAL PAVEMENT MANAGEMENT	5,200,000	1,725,000	0	0	0	0	800,000	69,468	130,532	0	0	0	0	2,725,000

YEAR 4 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2022-2023

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/ Appr Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS ==>	3,115,672	291,551	94,087	0	448,451	725,000	135,468	338,796	0	0	1,082,686	0	6,231,711
TOWN ADMINISTRATION													
Town Administration	590,672	257,622	0	0	0	0	0	0	0	0	0	0	848,294
BOARD OF EDUCATION													
Board of Education	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPITAL EQUIPMENT													
Capital Equipment	0	18,929	0	0	448,451	0	0	0	0	0	0	0	467,380
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
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	0	111,264	0	0	0	0	111,264
Pavement Management	2,525,000	0	0	0	0	725,000	47,468	227,532	0	0	0	0	3,525,000
SUMMARY PROJECT TOTALS	3,115,672	291,551	0	0	448,451	725,000	135,468	338,796	0	0	435,000	0	5,489,938
FUNDING SOURCE VARIANCES	0	0	94,087	0	0	0	0	0	0	0	647,686	0	741,773

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FUNCTION	ACTIVITY	PROGRAM	CODE
FY 2022-2023 Capital Budget - Year 4	Board of Education	Board of Education	2010-06
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES	Funding Totals
		Existing FundsGeneral Fund ContribCNRE FundRecreation Special RevenueNon Refer Notes/BondsRefer Notes/BondsLOCIP GrantTAR GrantState & Federal GrantsSchool Const GrantAmbul ReserveOther Funding Sources/Appr Bonds	
NO NEW FY 2022-2023 PROJECTS FOR BOARD OF EDUCATION			
TOTAL BOARD OF EDUCATION	0	0000000000000000	0

FUNCTION	ACTIVITY	PROGRAM	CODE
FY 2022-2023 Capital Budget - Year 4	Capital Equipment	Capital Equipment	2020-00
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	
Capital Equipment	448,451		448,451
Front End Loader (\$251,320) This front end loader will replace our current 2002 CAT 938G that has 150,000 hours of use. We intend to utilize the State Bid for a John Deere 644 which is comparable to our CAT 938G. Our machine is our front line loader that is constantly exposed to high levels of salt from loading the vehicles during snow events. This includes "Loadrite" system for weighing the materials. We estimate this will have over 20,000 hours when it comes time to replace it. It is currently in fair condition.			
Replacement of Truck #38 (Parks) (\$93,181) This vehicle is used as a front line vehicle for snow removal operations as well as being used on a daily basis during the field maintenance season. The current vehicle is a 2004 Ford F-350 that has 64,337 miles on it. We intend to purchase a new plow and sander for this truck off of the CT State Bid.			
16' Toro Mower (\$103,950) This piece of equipment is used on a daily basis for the cutting of our municipal and Board of Education fields. Because of the size of this mower we are capable of cutting a larger area per pass thereby increasing our daily production. The current mower is a 2010 (12) Toro 590 with a 16' cutting path. It has approximately 3,200 hours on the unit and is in fair condition.			
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	18,929	18,929	18,929
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			
TOTAL CAPITAL EQUIPMENT	467,380	0 18,929 0 0 448,451 0 0 0 0 0	467,380

FUNCTION	ACTIVITY		PROGRAM											CODE
FY 2022-2023 Capital Budget - Year 4	Fire and Ambulance		Fire and Ambulance											2030-00
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
Refurbishment of ET-240 This truck will need the pump and tank overhauled to extend the life expectancy. The truck will also have all of the mechanical components inspected and if necessary repaired (the engine,transmission, brakes, suspension and radiator). Any necessary bodywork will be completed to eliminate electrolysis on the body and frame. This truck is located at Station 240 on Rhodes Road. The department was confident that a refurbishment could extend the useful life of this apparatus an additional 10 years, however, recent wear and tear and corrosion has taken a turn on this piece of apparatus and we are currently having it evaluated. (If new one is needed, the price will be \$655,000)	140,000											140,000		140,000
Replacement of Ambulance 540 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.	295,000											295,000		295,000
TOTAL FIRE AND AMBULANCE	435,000	0	0	0	0	0	0	0	0	0	0	435,000	0	435,000

[illegible]

FUNCTION	ACTIVITY												CODE	
FY 2022-2023 Capital Budget - Year 4	Public Facilities												2050-00	
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	
Pole Sheds for Highway Garage There are currently eight to ten pieces of equipment being stored outside in the elements due to a lack of room inside the facility. These two pole sheds will be utilized as "cold" storage to keep these vehicles out of the harsh environment that tends to shorten their useful lives.	88,000							88,000						88,000
Public Facilities Yearly 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 and general repairs that are not budgeted for are what this is being created for.	15,000		15,000											15,000

FUNCTION	ACTIVITY			PROGRAM										CODE
FY 2022-2023 Capital Budget - Year 4	Streets and Roads			Construction and Reconstruction										2060-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES												Funding Totals
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
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.	111,264								111,264					111,264
TOTAL CONSTRUCTION	111,264	0	0	0	0	0	0	0	111,264	0	0	0	0	111,264

FUNCTION	ACTIVITY				PROGRAM									CODE
FY 2022-2023 Capital Budget - Year 4	Streets and Roads				Pavement Management									2060-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES												Funding Totals
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
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.	275,000							47,468	227,532					275,000
Road Improvements Bond referendum for road improvements over six years pursuant to the Town's Debt Management Plan. (Referendum, November 2018)	5,000,000	2,525,000					725,000							3,250,000
Debt Management Plan: Year One: FY 2019/2020 - \$1,000,000 Year Two: FY 2020/2021 - \$725,000 Year Three: FY 2021/2022 - \$800,000 Year Four: FY 2022/2023 - \$725,000 Year Five: FY 2023/2024 - \$750,000 Year Six: FY 2024/2025 - \$1,000,000														
TOTAL PAVEMENT MANAGEMENT	5,275,000	2,525,000	0	0	0	0	725,000	47,468	227,532	0	0	0	0	3,525,000

YEAR 5 CAPITAL BUDGET SUMMARY FISCAL YEAR 2023-2024													
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 =====>	4,072,368	331,095	94,087	0	186,000	40,750,000	104,149	339,335	0	0	872,686	0	46,749,720
TOWN ADMINISTRATION													
Town Administration	822,368	254,166	0	0	0	0	0	0	0	0	0	0	1,076,534
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	16,929	0	0	186,000	0	0	0	0	0	0	0	202,929
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	0	250,000	0	250,000
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	40,000,000	0	0	0	0	0	0	40,015,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	0	50,000	0	0	0	0	50,000
Pavement Management	3,250,000	0	0	0	0	750,000	104,149	289,335	0	0	0	0	4,393,484
SUMMARY PROJECT TOTALS	4,072,368	331,095	0	0	186,000	40,750,000	104,149	339,335	0	0	250,000	0	46,032,947
FUNDING SOURCE VARIANCES	0	0	94,087	0	0	0	0	0	0	0	622,686	0	716,773

[illegible]

[illegible]

[illegible]

FUNCTION	ACTIVITY			PROGRAM										CODE
FY 2023-2024 Capital Budget - Year 5	Fire and Ambulance			Fire and Ambulance										2030-00
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
Replacement of Self Contained Breathing Apparatus In 2004 the department replaced our Self Contained Breathing Apparatus (SCBA). Our inventory will have been in service for 20 years at this point. 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) **The department continues to apply for a Federal Grant that would fund a majority of the expense to purchase new equipment. This is year one of a split year funding option should we not be successful in the next 5-6 years.	250,000											250,000		250,000
TOTAL FIRE AND AMBULANCE	250,000	0	0	0	0	0	0	0	0	0	0	250,000	0	250,000

[illegible]

FUNCTION		ACTIVITY								PROGRAM					CODE
FY 2023-2024 Capital Budget - Year 5		Streets and Roads								Construction and Reconstruction					2060-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES												Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds		
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	50,000	0	0	0	0	50,000	

FUNCTION	ACTIVITY		PROGRAM											CODE
FY 2023-2024 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/ 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.	393,484							104,149	289,335					393,484
Road Improvements Bond referendum for road improvements over six years pursuant to the Town's Debt Management Plan. (Referendum, November 2018)	5,000,000	3,250,000					750,000							4,000,000
Debt Management Plan: Year One: FY 2019/2020 - \$1,000,000 Year Two: FY 2020/2021 - \$725,000 Year Three: FY 2021/2022 - \$800,000 Year Four: FY 2022/2023 - \$725,000 Year Five: FY 2023/2024 - \$750,000 Year Six: FY 2024/2025 - \$1,000,000														
TOTAL PAVEMENT MANAGEMENT	5,393,484	3,250,000	0	0	0	0	750,000	104,149	289,335	0	0	0	0	4,393,484

updated as of 10/2018

Vehicle/Eqp #	Description	Year	FY 19/20	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:												
12 TOL	International 4700 (Tree Truck)	2000	19	20	21	22	23	24	25	26	27	28
64 TOL	Ford F250	2002	17	18	19	20	new					
35 TOL	Western Star Dump	2002	17	18	new							
8 TOL	Ford Utility (new body in 2018)	2003/2018	16	17	new							
9 TOL	Ford F150	2003	16	new								
23 TOL	Mack 10 Wheel (refurbished 2015)	2004	15	16	17	18	19	20	21	22	23	24
33 TOL	Mack Dump	2005	14	refurbishing								
10 TOL	Ford F250 P/U	2007	13	14	15	15	new					
25 TOL	Ford D-550 Dump	2007	12	new								
14 TOL	GMC 7500	2008	11	12	13	14	15	15	16	17	18	19
21 TOL	Mack Dump	2008	11	12	13	14	15	15	16	17	18	19
27 TOL	International 7400	2008	11	12	13	14	15	15	16	17	18	19
31 TOL	International 7400	2009	10	11	12	13	14	15	16	17	18	19
26 TOL	International 7400	2012	8	9	10	11	12	13	14	15	16	17
32 TOL	International 7400	2012	8	9	10	11	12	13	14	15	16	17
51 TOL	International 7400	2013	7	8	9	10	11	12	13	14	15	16
28 TOL	International 7400	2014	6	7	8	9	10	11	12	13	14	15
11 TOL	Ford F350	2015	5	6	7	8	9	10	11	12	13	14
13 TOL	Ford F350 Rack Body	2015	5	6	7	8	9	10	11	12	13	14
2 TOL	Ford F350	2015	5	6	7	8	9	10	11	12	13	14
24 TOL	International 7400	2016	4	5	6	7	8	9	10	11	12	13
6 TOL	International Low Pro 4300	2016	4	5	6	7	8	9	10	11	12	13
4 TOL	Ford F250	2018	1	2	3	4	5	6	7	8	9	10
29 TOL	International 7400	2018	1	2	3	4	5	6	7	8	9	10
30 TOL	International 7400	2018	1	2	3	4	5	6	7	8	9	10
Scheduled Replacements:												
9 TOL	Ford F250	2020		new	1	2	3	4	5	6	7	8
33 TOL	Mack Dump- Refurbishing	2020		refurbishing	1	2	3	4	5	6	7	8
25 TOL	Ford D-550 Dump	2020		new	1	2	3	4	5	6	7	8
35 TOL	International 7400	2021			new	1	2	3	4	5	6	7
8 TOL	Ford Utility	2021			new	1	2	3	4	5	6	7
64 TOL	Ford F250	2023					new	1	2	3	4	5
10 TOL	Ford F250 P/U	2023					new	1	2	3	4	5
Heavy Equipment:												
	Cat Grader	1972	47	48	49	50	51	52	53	54	55	56
7 TOL	Vac-All	2000	19	20	21	22	23	24	25	26	27	28
20 TOL	Cat 938 Loader	2002	17	18	19	new						
19 TOL	Elgin Sweeper	2003	16	17	18	19	20	21	22	23	24	25
	Paver (used)	2007	12	13	14	15	16	17	18	19	20	21
	Roadside Mower	2010	9	10	11	12	13	14	15	16	17	18
	Hyndai Excavator 4500	2011	9	10	11	12	13	14	15	16	17	18
17 TOL	Cat Loader 924	2014	6	7	8	9	10	11	12	13	14	15
22 TOL	Cat Backhoe	2014	6	7	8	9	10	11	12	13	14	15
	Wacker Pro-Line Roller	2017	2	3	4	5	6	7	8	9	10	11
Scheduled Replacements:												
20 TOL	Front End Loader	2022				new						
	Big Truck			recommended end of service					3 years past recommended end of service			
	Low Profile Dump			1 year past recommended end of service					4 years or more past recommended end of service			
	Small Dump			2 years past recommended end of service					scheduled for replacement			
	Pick Up w/Utility Body											
	Pick Up											

Equipment Aging Schedule for Units Assigned to Parks & Facilities Garage

2019/2020 proposed 5 year CIP

updated as of 10/2018

Vehicle/Equip #	Description	Year	FY 19/20	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	20	21	22	23	24	25	26	27	28	29	
37 TOL	GMC 3500	2003	16	17	18	19	20		22	23	24	25	
38 TOL	Ford F550	2004	15	16	17	new							
56 TOL	Ford F250	2006	10	11	12	13	new						
53 TOL	Ford F450	2007	12	13	new								
81 TOL	Ford F250	2007	new										
68 TOL	Ford F550	2007	12	13	14	15	new						
75 TOL	3/4 Ton Van	2008	11	new									
55 TOL	Ford F450	2011	9	10	11	12	13	14	15	16	17		
61 TOL	Ford F250 (mechanics truck)	2013	7	8	9	10	11	12	13	14	15	16	
50 TOL	Ford F550	2015	5	6	7	8	9	10	11	12	13	14	
80 TOL	Ford F550	2016	3	4	5	6	7	8	9	10	11	12	
39 TOL	International 4300 Durastar	2017	2	3	4	5	6	7	8	9	10	11	
3 TOL	Ford F250	2018	1	2	3	4	5	6	7	8	9	10	
Scheduled Replacements:													
81 TOL	Ford F250	2019	new	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	
38 TOL	Ford F550	2022				new	1	2	3	4	5	6	
56 TOL	Ford F250	2023					new	1	2	3	4	5	
68 TOL	Ford F550	2023					new	1	2	3	4	5	
Equipment:													
	Ford Tractor	1970	39	40	41	42	43	44	45	46	47	47	
	Sweepstar	1991	28	29	30	31	32	33	34	25	26	26	
	Easy Rake	1998	21	22	23	24	25	26	27	28	29	29	
	Gravely Snow Blower	1999	20	21	22	23	24	25	26	27	28	28	
	Gravely Snow Blower	1999	20	21	22	23	24	25	26	27	28	28	
	John Deere Tractor	2001	18	19	20	21	22	23	24	25	26	26	
	Easy Rake	2001	18	19	20	21	22	23	24	25	26	26	
	Skidsteer New Holland180	2001	17	new									
	Easy Rake	2005	15	16	17	18	19	20	21	22	23	23	
	Lazer Lawnmower	2005	15	16	17	18	19	20	21	22	23	23	
	Gravely Snow Blower	2005	15	16	17	18	19	20	21	22	23	23	
	Cat Loader	2006	14	15	16	17	18	19	20	21	22	22	
	Gravely Snow Blower	2007	13	14	15	16	17	18	19	20	20	20	
	Lazer Lawnmower	2007	13	14	15	16	17	18	19	20	20	20	
	Kubota tractor	2007	new										
	4000 Lawnmower	2007	13	14	15	16	17	18	19	20	20	20	
	Line Painter	2008	14	15	16	17	18	19	20	21	22	23	
	Skidsteer New Holland 170	2011	9	10	11	12	13	14	15	16	17	18	
	Toro 5910 Mower	2010	9	10	11	new							
	Ventrix mower/thrower	2013	8	9	10	11	12	13	14	15	16	16	
	ExMark Lazer Lawnmower	2014	6	7	new								
	ExMark Lazer Lawnmower	2014	6	7	new								
	ExMark Lazer Lawnmower	2014	6	7	new								
	ExMark Lazer Lawnmower	2014	6	7	new								
	Easy Rake/Smithco Groomer	2015	4	5	6	7	8	9	10	11	12	12	
	Line Painter	2017	2	3	4	5	6	7	8	9	10	10	
	Toro Mower	2018	1	2	3	4	5	6	7	8	9	10	
	60" Exmark Mower	2018	1	2	3	4	5	6	7	8	9	10	
Scheduled Replacements:													
	Mini Excavator	2019	new	1	2	3	4	5	6	7	8	9	
	Skidsteer New Holland180	2020		new	1	2	3	4	5	6	7	8	
	ExMark Lazer Lawnmower	2021			new	1	2	3	4	5	6	7	
	ExMark Lazer Lawnmower	2021			new	1	2	3	4	5	6	7	
	ExMark Lazer Lawnmower	2021			new	1	2	3	4	5	6	7	
	ExMark Lazer Lawnmower	2021			new	1	2	3	4	5	6	7	
	Toro 5910 Mower	2022				new	1	2	3	4	5	6	
	Small Dump			recommended end of service						3 years past recommended end of service			
	Low Profile Dump			1 year past recommended end of service						4+ years recommended end of service			
	Pick Up			2 years past recommended end of service						scheduled for replacement			
	Van												

Town of Tolland
Departmental Capital Projects Update As of 10/1/2018

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Department: Board of Education

Division: Central Office

Prepared By: Walter Willett Superintendent

Date Prepared: October 1, 2018

Town Bonded Projects FY18-20	BOE Year End Requests FY17-18 \$105k	BOE Capital Requests FY18-24	When Opportunity Arises
Completed Projects BOE Funds FY 18	BOE PROJ from EOY BUDGET FUNDS \$437k		

Dept. Priority	Project Title	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	WOA	
HIGH	BOE Maintenance Equipment Trailer	13,200	Completed under BOE Budget- \$6,708.60						13,200		
HIGH	TIS Main Entry Door System (Front door System)	25,000	Completed under District Wide security bond(\$500k) with new doors at TIS						25,000		
HIGH	TIS Electrical Surge protected System for switch gear	8,500	Completed under BOE Budget-\$7,641						8,500		
HIGH	TMS Electrical Surge protected System for switch gear	8,500	Completed under BOE Budget-\$7,641						8,500		
HIGH	TIS Security Panel/ burglar system		30,000							30,000	
HIGH	TMS Security Panel/burglar system		45,000							45,000	
HIGH	TMS Removal of Modular classrooms		30,000							30,000	
HIGH	TIS Paving of Rear Parking Lot(only 1 coat after geothermal project)		38,000							38,000	
HIGH	TMS Paving of parking lot (excluding access road & exit)		259,310							259,310	
HIGH	TMS New concrete front sidewalk		45,000							45,000	
HIGH	THS Gym floor		35,000							35,000	
HIGH	TMS Gym floor		25,000							25,000	
HIGH	Dist Wide IT School Surveillance & Access Control System		35,000							35,000	
HIGH	THS Fire Panel-Faulty Relays		40,000							40,000	
HIGH	BGP Fire Panel Device and Loop Card Updates		24,000							24,000	
HIGH	Dist Wide Custodial Floor Machine		18,397							18,397	
HIGH	Dow Corning Security Window Film Caulk BGP		18,414							18,414	
HIGH	Dow Corning Security Window Film Caulk THS		22,986							22,986	
MEDIUM	TIS Carpet for Library and Main Office		30,350							30,350	
MEDIUM	TMS & THS Computer 1 to 1 Initiative Grd 6-12								0	108,431	
MEDIUM	Dist Wide BOE office Window replacement			8,400					8,400		
MEDIUM	TIS Sidewalk Connection to front of School			25,000					25,000		
MEDIUM	TMS & THS Computer 1 to 1 Initiative Grd 6-12								0	108,431	
MEDIUM	THS VCT Tile replacements Multi-areas			10,000	10,000	10,000			30,000		
MEDIUM	Dist Wide BOE Parking lot repavement				53,000				53,000		
MEDIUM	TMS & THS Computer 1 to 1 Initiative Grd 6-12								0	108,431	
MEDIUM	THS Security Panel/Burglar system					15,000			15,000		
MEDIUM	TMS Library and Main Office carpet					26,950			26,950		
MEDIUM	TMS & THS Computer 1 to 1 Initiative Grd 6-12								0	108,431	
HIGH	Dist Wide Wireless Access Point Upgrades								0	130,800	
MEDIUM	TMS & THS Computer 1 to 1 Initiative Grd 6-12								0	108,431	
MEDIUM	TIS Modular Roof Replacement							45,000	45,000		
MEDIUM	TMS & THS Computer 1 to 1 Initiative Grd 6-12								0	108,431	
CRITICAL	THS Warning Transition Strips	232,000	Bonded/Completed-\$231,812.37						232,000		
CRITICAL	TIS Roof	1,897,000	Bonded/Completed-\$ 1,417,606.72 YTD(\$30,760.15 awaiting reimbursement for project closeout from State)						1,897,000		
CRITICAL	THS PA System Expansion	37,374	Bonded/Completed-\$37,374.00						37,374		
CRITICAL	BGP Exterior Door Replacements	60,441	Bonded/Completed-\$60,441.00						60,441		
CRITICAL	BOE Boiler Replacement and Fuel Conversion	16,573	Bonded/Completed-\$16,573.00						16,573		
HIGH	THS Track Resurfacing	119,308	Bonded/Completed-\$119,308.00						119,308		
HIGH	BGP security fence and gate	13,070	Bonded/Completed-\$13,070.00						13,070		
HIGH	District Paving @ TIS and BGP	46,177	Bonded/Completed-\$46,177.00						46,177		
HIGH	TIS Cafeteria Tables	27,881	Bonded/Completed-\$27,880.95						27,881		
HIGH	HVAC Upgrades-District Wide	24,995	Bonded/Completed-\$19,213.00						24,995		
HIGH	Dist Wide Snow & Lawn Equipment	61,094	Bonded/Completed-\$56,434.52						61,094		
HIGH	THS Classroom Tech Upgrades									126,122	
HIGH	TMS Science Lab Tech Upgrades									104,224	
HIGH	TMS Press Box/Retaining Wall & Pavement		45,000	Bonded/Underway, expected completion October 2018-\$ 29,317.55						45,000	
MEDIUM	THS STEM/Math Enhancement									50,000	
MEDIUM	TMS Gym Dividers			15,000	Bonded/Not Begun-Summer 2019				15,000		
MEDIUM	TIS Gym Dividers			15,000	Bonded/Not Begun-Summer 2019				15,000		
MEDIUM	THS VCT Flooring A Wing Hallway			10,000	Bonded/Not Begun-Summer 2019				10,000		
HIGH	TMS Fire Alarm Notification System		10,650	Bonded/Completed- \$10,650.00						10,650	
HIGH	THS Business Lab Upgrade									16,125	
HIGH	THS New English Lab Upgrade									11,540	
HIGH	THS Music & Art Lab Upgrade									52,964	
HIGH	BGP Science Lab Tech Upgrades									23,083	
HIGH	TMS Classroom Tech Upgrades									93,000	
HIGH	THS Science Lab Tech Upgrades									56,761	
MEDIUM	TMS STEM/Math Enhancement									30,000	
MEDIUM	TIS Replacement Ceiling Tile (Building wide)			318,000	Bonded/Not Begun-Summer 2019				318,000		
CRITICAL	TMS Roof Replacement Section A-S			2,265,150	Bonded/Not Begun-Summer 2019				2,265,150		
HIGH	TIS Asbestos removal & replacement of floor tiles			452,180	Bonded/Not Begun-Summer 2019				452,180		
MEDIUM	TMS Replacement Ceiling Tile (Building wide)			318,000	Bonded/Not Begun-Summer 2019				318,000		
HIGH	Dist Wide School Bldg Security Upgrades		500,000	Bonded, 70% complete- \$332,335.37 YTD						500,000	
HIGH	TMS Window, Exterior Doors & PCB Removal			880,000	Bonded/Not Begun-Summer 2019				880,000		
HIGH	BGP Classroom Tech Upgrades									105,190	
HIGH	TIS Classroom Tech Upgrades									107,590	
HIGH	TIS Science Lab Tech Upgrades									34,071	
MEDIUM	BGP STEM/Math Enhancement									15,000	
MEDIUM	TIS STEM/Math Enhancement									20,000	
MEDIUM	THS Graphics Lab Upgrade									29,200	
MEDIUM	TMS Computer Ed Labs Upgrade									75,450	
MEDIUM	THS World Language Lab Upgrade									23,640	
MEDIUM	TMS Art & Music Labs Upgrade									35,173	
MEDIUM	TMS Replacement Science Lab Furniture									36,380	
MEDIUM	TMS Renovation of 6 Science Labs									1,060,000	
MEDIUM	TMS Technology Ed Labs Upgrade									26,240	
MEDIUM	BGP Lab Upgrade									20,415	
MEDIUM	TIS Computer Ed Lab Upgrade									14,818	
MEDIUM	TIS Keyboarding Lab Upgrade									38,853	
MEDIUM	TIS Library Lab Upgrade									24,308	
MEDIUM	THS CADD Lab Upgrade									22,728	

BOE TOTAL CAPITAL PROJECTS w/o WOA	\$2,591,113	\$1,252,107	\$4,316,730	\$63,000	\$51,950	\$0	\$45,000	\$8,319,900	\$3,034,261
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BOE CAPITAL PROJECTS REQUESTED	\$0	\$154,147	\$43,400	\$63,000	\$51,950	\$0	\$45,000	\$357,497
BOE CAPITAL PROJECTS BONDED BY TOWN	\$2,535,913	\$555,650	\$4,273,330	\$0	\$0	\$0	\$0	\$7,364,893

Town of Tolland, Connecticut

Proposed Debt Management Plan Fiscal Years 2020 to 2027



December 2018

Barry Bernabe
Managing Director



Executive Summary

Existing and Authorized-But-Unissued Debt

As of December 2018 the Town has outstanding gross tax-supported debt in the principal amount of \$37,505,433, not including sewer debt paid from assessments. Authorized-but-unissued debt totals \$13,786,266.

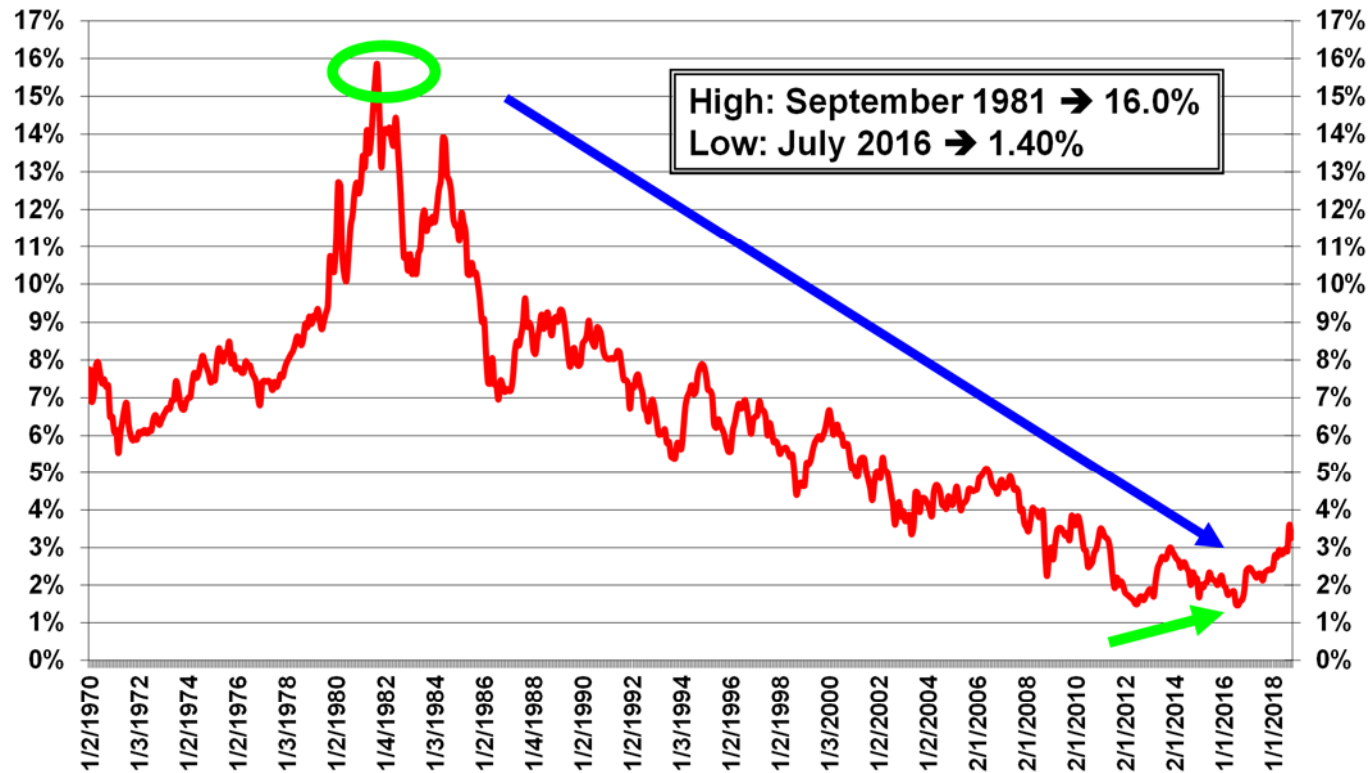
Proposed Debt Issuance Plan

Actual and proposed capital projects for fiscal years ending 2020 through 2027 total \$54,430,000.

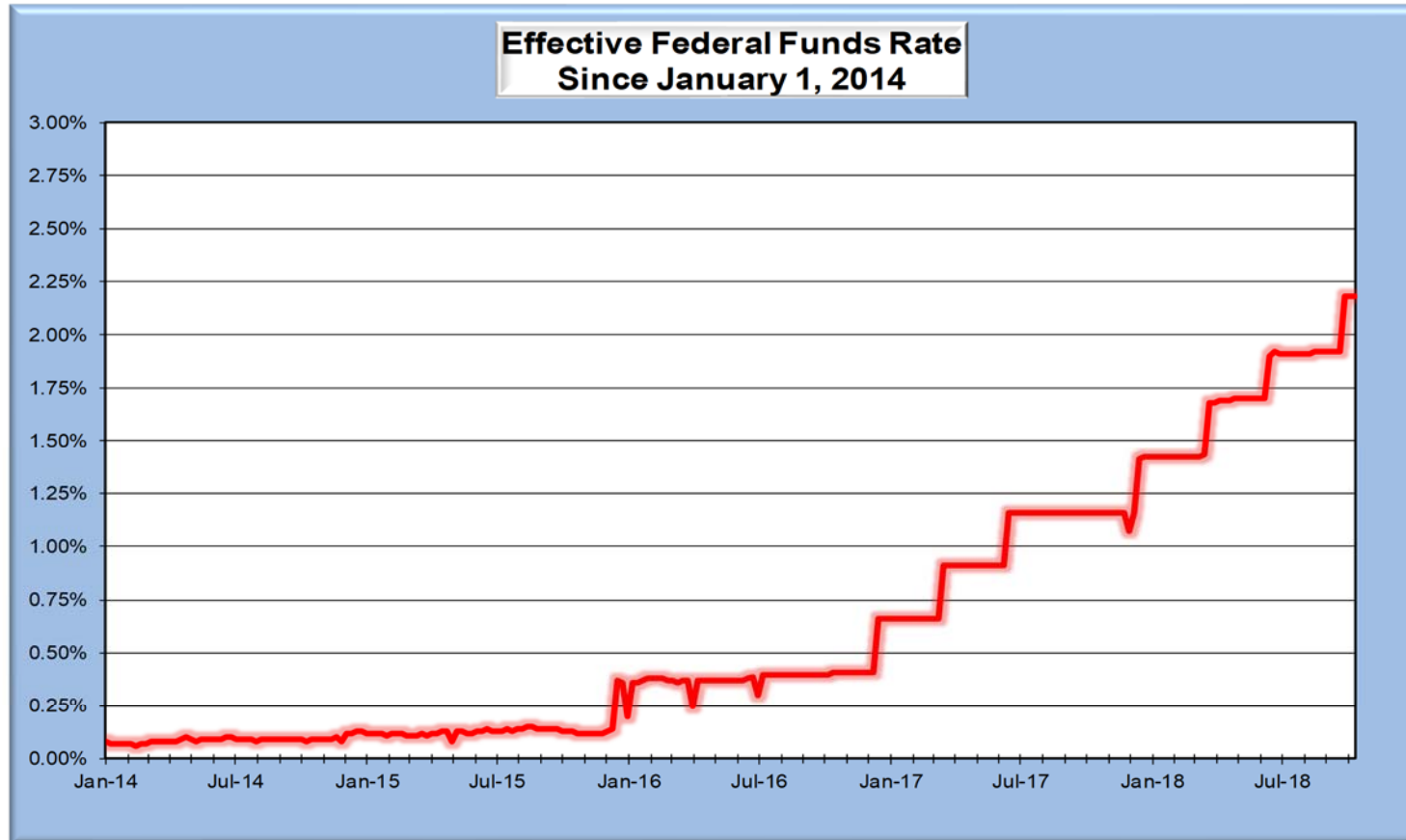
	Authorized But Not Issued	From CIP 12/5/18	Cash Needs		
Year 1 - FY 2019-20	\$ 4,900,995	750,000	\$ 5,650,995		
Year 2 - FY 2020-21	725,000	474,570	1,199,570		
Year 3 - FY 2021-22	800,000	3,468,055	4,268,055		
Year 4 - FY 2022-23	725,000	448,451	1,173,451		
Year 5 - FY 2023-24	953,827	20,186,000	21,139,827		
Year 6 - FY 2024-26	0	21,000,000	21,000,000		
	\$ 8,104,822	\$ 46,327,076	\$ 54,431,898		
	Amount Issued				
YEAR 1	\$ 5,650,000	Issue BANs - July 2019			
YEAR 2	6,850,000	Issue Bonds - July 2020			
YEAR 3	4,265,000	Issue BANs - July 2021			
YEAR 4	5,440,000	Issue Bonds - July 2022			
YEAR 5	21,140,000	Issue BANs - July 2023			
YEAR 6	42,140,000	Issue \$21,140,000 Bonds & \$21 Million BANs - July 2024			
YEAR 7	21,000,000	Issue Bonds - July 2024			
YEAR 8	-				
	\$ 54,430,000	Total amount Bonded			

Long-term Interest Rates – Past 50 Years

Ten Year U.S. Treasury Yield - January 1, 1968 to December 1 2018




Short-term Interest Rates



Town Ratings

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

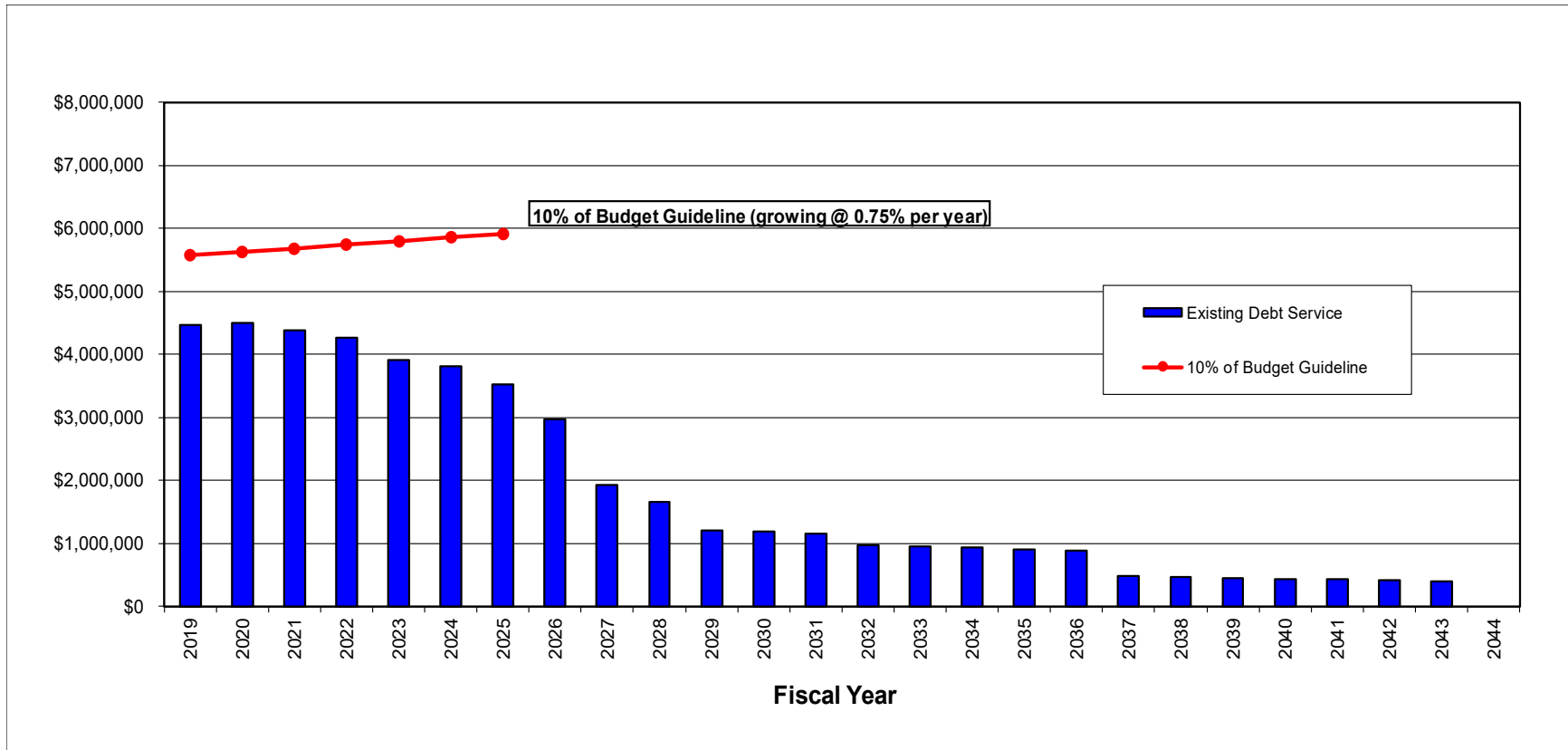
 Highest	<u>AAA</u>	AAA	Aaa
	<u>AA+</u>	AA+	Aa1
	<u>AA</u>	AA	Aa2
	<u>AA-</u>	AA-	Aa3
	<u>A+</u>	A+	A1
	<u>A</u>	A	A2
	<u>A-</u>	A-	A3
	<u>BBB+</u>	BBB+	Baa1
	<u>BBB</u>	BBB	Baa2
	<u>BBB-</u>	BBB-	Baa3
Lowest			

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)

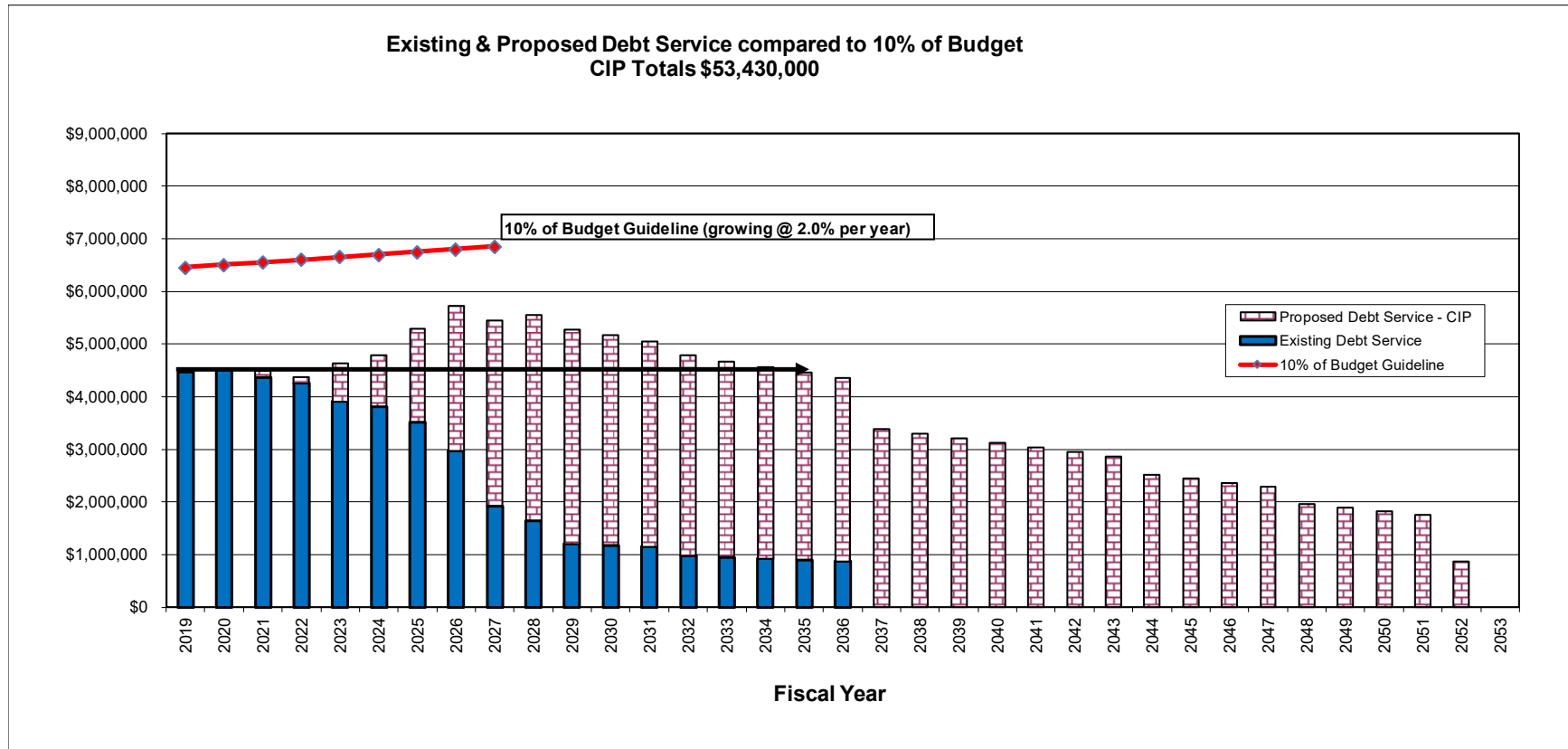
Existing Debt Service

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 3.65% and increasing 0.15% for subsequent issues.
- Current Bond rates for Tolland are at 3.45%
- 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



Summary Points

- Tax Reform Act effective January 1, 2018 has negatively impacted the municipal bond market resulting in less demand for tax-exempt securities.
- Federal Reserve has increased short-term interest rates from near zero to 2.75% and they are expected to continue to increase short-term rates more in 2019.
- Long-term rates are still very low from an historic perspective but have increased since the presidential election in 2016.
- The Town issued \$9,340,000 of Bonds in May 2018 at a rate of 3.17%.
- 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 \$54.4 million which would more than double the Town’s outstanding principal of \$37.5 million. The bulk of the CIP is 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 by \$100,000 per year from FY 2022 to FY 2027 and a final \$50,000 increase in FY 2028 at which time annual debt service would total \$5,200,000.
- After the school debt has been issued the Town can gradually reduce debt service back to the \$4,550,000 level.

Town of Tolland, Connecticut
Existing & Proposed Debt Service
December 2018

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	\$5,650,000 BANs Dated: 10/19 Due: 10/20 Interest	\$6,850,000 Bonds Dated October 2020 Term: 25 Years Rate: 3.50%			\$4,625,000 BANs Dated: 10/21 Due: 10/22 Interest	\$5,440,000 Bonds Dated October 2022 Term: 20 Years Rate: 3.65%			\$21,140,000 BANs Dated: 10/23 Due: 10/24 Interest
						Principal	Interest	Total		Principal	Interest	Total	
2019	3,235,247	1,233,705	4,468,952		-	-	-	-	-	-	-	-	-
2020	3,370,737	1,133,803	4,504,540	35,589	-	-	-	-	-	-	-	-	-
2021	3,365,737	1,008,161	4,373,898	(130,642)	131,080	-	-	-	-	-	-	-	-
2022	3,382,047	873,444	4,255,491	(118,407)	-	-	119,875	119,875	-	-	-	-	-
2023	3,176,667	738,159	3,914,825	(340,666)	-	275,000	234,938	509,938	115,625	-	99,280	99,280	-
2024	3,201,667	615,020	3,816,686	(98,139)	-	275,000	225,313	500,313	-	275,000	193,541	468,541	-
2025	3,011,667	508,500	3,520,166	(296,520)	-	275,000	215,688	490,688	-	275,000	183,504	458,504	422,800
2026	2,551,667	420,277	2,971,943	(548,223)	-	275,000	206,063	481,063	-	275,000	173,466	448,466	-
2027	1,560,000	362,088	1,922,088	(1,049,856)	-	275,000	196,438	471,438	-	275,000	163,429	438,429	-
2028	1,330,000	321,713	1,651,713	(270,375)	-	275,000	186,813	461,813	-	275,000	153,391	428,391	-
2029	920,000	289,838	1,209,838	(441,875)	-	275,000	177,188	452,188	-	275,000	143,354	418,354	-
2030	920,000	262,100	1,182,100	(27,738)	-	275,000	167,563	442,563	-	275,000	133,316	408,316	-
2031	920,000	233,188	1,153,188	(28,913)	-	275,000	157,938	432,938	-	275,000	123,279	398,279	-
2032	770,000	207,088	977,088	(176,100)	-	275,000	148,313	423,313	-	270,000	113,333	383,333	-
2033	770,000	183,500	953,500	(23,588)	-	275,000	138,688	413,688	-	270,000	103,478	373,478	-
2034	770,000	159,425	929,425	(24,075)	-	275,000	129,063	404,063	-	270,000	93,623	363,623	-
2035	770,000	135,350	905,350	(24,075)	-	275,000	119,438	394,438	-	270,000	83,768	353,768	-
2036	770,000	110,300	880,300	(25,050)	-	275,000	109,813	384,813	-	270,000	73,913	343,913	-
2037	390,000	90,950	480,950	(399,350)	-	275,000	100,188	375,188	-	270,000	64,058	334,058	-
2038	390,000	78,763	468,763	(12,188)	-	275,000	90,563	365,563	-	270,000	54,203	324,203	-
2039	390,000	66,575	456,575	(12,188)	-	275,000	80,938	355,938	-	270,000	44,348	314,348	-
2040	385,000	53,900	438,900	(17,675)	-	275,000	71,313	346,313	-	270,000	34,493	304,493	-
2041	385,000	40,425	425,425	(13,475)	-	275,000	61,688	336,688	-	270,000	24,638	294,638	-
2042	385,000	26,950	411,950	(13,475)	-	275,000	52,063	327,063	-	270,000	14,783	284,783	-
2043	385,000	13,475	398,475	(13,475)	-	270,000	42,525	312,525	-	270,000	4,928	274,928	-
2044	-	-	-	(398,475)	-	270,000	33,075	303,075	-	-	-	-	-
2045	-	-	-	-	-	270,000	23,625	293,625	-	-	-	-	-
2046	-	-	-	-	-	270,000	14,175	284,175	-	-	-	-	-
2047	-	-	-	-	-	270,000	4,725	274,725	-	-	-	-	-
2048	-	-	-	-	-	-	-	-	-	-	-	-	-
2049	-	-	-	-	-	-	-	-	-	-	-	-	-
2050	-	-	-	-	-	-	-	-	-	-	-	-	-
2051	-	-	-	-	-	-	-	-	-	-	-	-	-
2052	-	-	-	-	-	-	-	-	-	-	-	-	-
2053	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	37,505,433	9,166,694	46,672,127		131,080	6,850,000	3,108,000	9,958,000	115,625	5,440,000	2,076,120	7,516,120	422,800

Town of Tolland, Connecticut
Existing & Proposed Debt Service
December 2018
Page 2

Fiscal Year	\$21,140,000 Bonds Dated Oct 2024 Term: 25 Years Rate: 3.75%			\$21,000,000 BANs Dated: 10/24 Due: 10/25 Interest	\$21,000,000 Bonds Dated Oct 2025 Term: 25 Years Rate: 4.00%			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
	Principal	Interest	Total		Principal	Interest	Total								
2019	-	-	-	-	-	-	-	-	-	-	-	4,468,952	4,550,000	0	81,048
2020	-	-	-	-	-	-	-	-	-	-	65,000	4,504,540	4,550,000	0	45,460
2021	-	-	-	-	-	-	-	-	131,080	131,080	125,000	4,504,978	4,550,000	0	45,022
2022	-	-	-	-	-	-	-	-	119,875	119,875	65,000	4,375,366	4,650,000	100,000	274,634
2023	-	-	-	-	-	-	-	275,000	449,843	724,843	75,000	4,639,668	4,750,000	100,000	110,332
2024	-	-	-	-	-	-	-	550,000	418,854	968,854	125,000	4,785,540	4,850,000	100,000	64,460
2025	-	396,375	396,375	-	-	-	-	550,000	1,218,366	1,768,366	100,000	5,288,533	4,950,000	100,000	(338,533)
2026	-	792,750	792,750	630,000	-	400,000	400,000	550,000	2,202,279	2,752,279	-	5,724,222	5,050,000	100,000	(674,222)
2027	850,000	776,813	1,626,813	-	-	1,000,000	1,000,000	1,400,000	2,136,679	3,536,679	-	5,458,766	5,150,000	100,000	(308,766)
2028	850,000	744,938	1,594,938	-	600,000	823,200	1,423,200	2,000,000	1,908,341	3,908,341	-	5,560,054	5,200,000	50,000	(360,054)
2029	850,000	713,063	1,563,063	-	850,000	789,600	1,639,600	2,250,000	1,823,204	4,073,204	-	5,283,041	5,200,000	0	(83,041)
2030	845,000	681,281	1,526,281	-	850,000	756,000	1,606,000	2,245,000	1,738,160	3,983,160	-	5,165,260	5,165,260	(34,740)	0
2031	845,000	649,594	1,494,594	-	850,000	722,400	1,572,400	2,245,000	1,653,210	3,898,210	-	5,051,398	5,051,398	(113,863)	0
2032	845,000	617,906	1,462,906	-	850,000	688,800	1,538,800	2,240,000	1,568,351	3,808,351	-	4,785,439	4,785,439	(265,959)	0
2033	845,000	586,219	1,431,219	-	850,000	655,200	1,505,200	2,240,000	1,483,584	3,723,584	-	4,677,084	4,677,084	(108,355)	0
2034	845,000	554,531	1,399,531	-	850,000	621,600	1,471,600	2,240,000	1,398,816	3,638,816	-	4,568,241	4,568,241	(108,843)	(0)
2035	845,000	522,844	1,367,844	-	850,000	588,000	1,438,000	2,240,000	1,314,049	3,554,049	-	4,459,399	4,550,000	(18,241)	90,601
2036	845,000	491,156	1,336,156	-	850,000	554,400	1,404,400	2,240,000	1,229,281	3,469,281	-	4,349,581	4,550,000	0	200,419
2037	845,000	459,469	1,304,469	-	850,000	520,800	1,370,800	2,240,000	1,144,514	3,384,514	-	3,865,464	4,550,000	0	684,536
2038	845,000	427,781	1,272,781	-	850,000	487,200	1,337,200	2,240,000	1,059,746	3,299,746	-	3,768,509	4,550,000	0	781,491
2039	845,000	396,094	1,241,094	-	850,000	453,600	1,303,600	2,240,000	974,979	3,214,979	-	3,671,554	4,550,000	0	878,446
2040	845,000	364,406	1,209,406	-	850,000	420,000	1,270,000	2,240,000	890,211	3,130,211	-	3,569,111	4,550,000	0	980,889
2041	845,000	332,719	1,177,719	-	850,000	386,400	1,236,400	2,240,000	805,444	3,045,444	-	3,470,869	4,550,000	0	1,079,131
2042	845,000	301,031	1,146,031	-	850,000	352,800	1,202,800	2,240,000	720,676	2,960,676	-	3,372,626	4,550,000	0	1,177,374
2043	845,000	269,344	1,114,344	-	850,000	319,200	1,169,200	2,235,000	635,996	2,870,996	-	3,269,471	4,550,000	0	1,280,529
2044	845,000	237,656	1,082,656	-	850,000	285,600	1,135,600	1,965,000	556,331	2,521,331	-	2,521,331	4,550,000	0	2,028,669
2045	845,000	205,969	1,050,969	-	850,000	252,000	1,102,000	1,965,000	481,594	2,446,594	-	2,446,594	4,550,000	0	2,103,406
2046	845,000	174,281	1,019,281	-	850,000	218,400	1,068,400	1,965,000	406,856	2,371,856	-	2,371,856	4,550,000	0	2,178,144
2047	845,000	142,594	987,594	-	850,000	184,800	1,034,800	1,965,000	332,119	2,297,119	-	2,297,119	4,550,000	0	2,252,881
2048	845,000	110,906	955,906	-	850,000	151,200	1,001,200	1,695,000	262,106	1,957,106		1,957,106	4,550,000	0	2,592,894
2049	845,000	79,219	924,219	-	850,000	117,600	967,600	1,695,000	196,819	1,891,819		1,891,819	4,550,000	0	2,658,181
2050	845,000	47,531	892,531	-	850,000	84,000	934,000	1,695,000	131,531	1,826,531		1,826,531	4,550,000	0	2,723,469
2051	845,000	15,844	860,844	-	850,000	50,400	900,400	1,695,000	66,244	1,761,244		1,761,244	4,550,000	0	2,788,756
2052	-	-	-	-	850,000	16,800	866,800	850,000	16,800	866,800		866,800	4,550,000	0	3,683,200
2053	-	-	-	-	-	-	-	-	-	-					
Total	21,140,000	11,092,313	32,232,313	630,000	21,000,000	11,900,000	32,900,000	54,430,000	29,475,938	83,905,938	555,000	130,578,065			

**Town of Tolland, Connecticut
Existing & Proposed Debt Service
December 2018
Page 3**

Fiscal Year	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	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
2019	717,643			3.56	2,295	1,828,056,120	1.87%	65,422,073	6.95%	34,270,187
2020	828,103	35,589	0.80%	3.53	2,069	1,841,766,541	1.68%	65,912,739	6.90%	30,899,450
2021	998,125	438	0.01%	3.50	1,844	1,855,579,790	1.48%	66,407,084	6.85%	27,533,713
2022	1,337,759	(129,612)	-2.88%	3.55	2,076	1,869,496,638	1.66%	66,905,138	6.95%	31,001,667
2023	1,523,091	264,302	6.04%	3.60	2,209	1,883,517,863	1.75%	67,406,926	7.05%	32,990,000
2024	1,712,551	145,873	3.14%	3.65	3,373	1,897,644,247	2.65%	67,912,478	7.14%	50,378,333
2025	1,474,018	502,993	10.51%	3.70	4,541	1,911,876,579	3.55%	68,421,822	7.73%	67,816,667
2026	799,796	435,689	8.24%	3.75	4,333	1,926,215,653	3.36%	68,934,985	8.30%	64,715,000
2027	491,030	(265,456)	-4.64%	3.79	4,135	1,940,662,271	3.18%	69,451,998	7.86%	61,755,000
2028	130,976	101,288	1.86%	3.80	3,912	1,955,217,238	2.99%	69,972,888	7.95%	58,425,000
2029	47,935	(277,013)	-4.98%	3.77	3,700	1,969,881,367	2.80%	70,497,684	7.49%	55,255,000
2030	47,935	(117,781)	-2.23%	3.72	3,488	1,984,655,477	2.62%	71,026,417	7.27%	52,090,000
2031	47,935	(113,863)	-2.20%	3.61	3,276	1,999,540,393	2.45%	71,559,115	7.06%	48,925,000
2032	47,935	(265,959)	-5.27%	3.39	3,074	2,014,536,946	2.28%	72,095,808	6.64%	45,915,000
2033	47,935	(108,355)	-2.26%	3.29	2,873	2,029,645,973	2.11%	72,636,527	6.44%	42,905,000
2034	47,935	(108,843)	-2.33%	3.19	2,671	2,044,868,318	1.95%	73,181,301	6.24%	39,895,000
2035	138,536	(108,843)	-2.38%	3.16	2,470	2,060,204,831	1.79%	73,730,161	6.05%	36,885,000
2036	338,955	(109,818)	-2.46%	3.13	2,268	2,075,656,367	1.63%	74,283,137	5.86%	33,875,000
2037	1,023,491	(484,118)	-11.13%	3.11	2,092	2,091,223,790	1.49%	74,840,260	5.16%	31,245,000
2038	1,804,983	(96,955)	-2.51%	3.09	1,916	2,106,907,968	1.36%	75,401,562	5.00%	28,615,000
2039	2,683,429	(96,955)	-2.57%	3.06	1,740	2,122,709,778	1.22%	75,967,074	4.83%	25,985,000
2040	3,664,318	(102,443)	-2.79%	3.04	1,564	2,138,630,101	1.09%	76,536,827	4.66%	23,360,000
2041	4,743,449	(98,243)	-2.75%	3.02	1,388	2,154,669,827	0.96%	77,110,853	4.50%	20,735,000
2042	5,920,823	(98,243)	-2.83%	2.99	1,213	2,170,829,851	0.83%	77,689,185	4.34%	18,110,000
2043	7,201,351	(103,155)	-3.06%	2.97	1,037	2,187,111,074	0.71%	78,271,854	4.18%	15,490,000
2044	9,230,020	(748,140)	-22.88%	2.95	906	2,203,514,408	0.61%	78,858,893	3.20%	13,525,000
2045	11,333,426	(74,738)	-2.96%	2.93	774	2,220,040,766	0.52%	79,450,334	3.08%	11,560,000
2046	13,511,570	(74,738)	-3.05%	2.91	642	2,236,691,071	0.43%	80,046,212	2.96%	9,595,000
2047	15,764,451	(74,738)	-3.15%	2.88	511	2,253,466,254	0.34%	80,646,558	2.85%	7,630,000
2048	18,357,345	(340,013)	-14.80%	2.86	397	2,270,367,251	0.26%	81,251,407	2.41%	5,935,000
2049	21,015,526	(65,288)	-3.34%	2.84	284	2,287,395,006	0.19%	81,860,793	2.31%	4,240,000
2050	23,738,995	(65,288)	-3.45%	2.82	170	2,304,550,468	0.11%	82,474,749	2.21%	2,545,000
2051	26,527,751	(65,288)	-3.57%	2.80	57	2,321,834,597	0.04%	83,093,310	2.12%	850,000
2052	30,210,951	(894,444)	-50.78%	2.78	-	2,339,248,356	0.00%	83,716,509	1.04%	-
2053										
Total										

updated 10/2018	POOL VEHICLE REPLACEMENT SCHEDULE							
Pool Vehicles	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27
Town Manager	New Vehicle							
	2015 Ford Explorer to Pool Car #2							
Public Works Director	2015 Ford Explorer to Recreation		New Vehicle					
			2015 Ford Explorer to Recreation					
Building Inspector	2013 Ford Explorer to Ass	New Vehicle						
		2013 Ford Explorer to Assessor						
Elderly Outreach	2016 Dodge Caravan							
Canine	2010 F150	New Vehicle						
Fire Marshall	2011 Expedition							
Assessor	2006 Liberty surplus	2013 Ford Explorer to Assessor						
		2006 Liberty surplus						
Recreation	2006 Cherokee		2015 Ford Explorer					
Community Development	2007 Liberty							
Fire Dept	2006 Grand Cherokee							
Pool Car #1	2010 Ford Explorer							
Pool Car #2	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				

**Five Year Capital Budget Summary of Associated Operating Costs
FY 2019-2020 through 2023-2024**

<u>Function</u>	<u>Activity</u>	<u>Program</u>	<u>Project</u>	<u>Operating Costs</u>
FY 2020-2021 Capital Budget	Parks and Recreation	Parks and Recreation	New Playground Area	\$2,000-\$3,000 operating costs
FY 2021-2022 Capital Budget	Public Facilities	Public Facilities	Firehouse Improvements Implementation Phase	\$3,000-\$10,000 operating costs

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