

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

Steven R. Werbner Town Manager (860) 871-3600 swerbner@tolland.org

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.

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following:

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

- 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.
- \$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 C02 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.

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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 Five-Year Capital Budget December 11, 2018 Page Four

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 Five-Year Capital Budget December 11, 2018 Page Five

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/ltb Attachments

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

	BUDG	ET SUMMARIES F	R CAPITAL IMPRO OR FISCAL YEARS c indicates the recurri	2019-2020 THROU	GH 2023-2024			
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 Replacement of Light Duty Vehicles - Town	70,569		15,009	16,140	13,140	13,140	13,140	70,569
<i>Replacement of Light Duty Vehicles - BOE</i> New Chevy Tahoe for Fire Marshal Town of Vernon Water Pollution Control Facility Plan GIS Planimetric Data Update	<i>63,930</i> 50,000 4,146,805 20,000		<i>12,786</i> 118,540 20,000	<i>12,786</i> 50,000 236,980	<i>12,786</i> 235,152	<i>12,786</i> 231,696	<i>12,786</i> 228,240	<i>63,930</i> 50,000 1,050,608 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	1 500 000		1 500 000					1,500,000
Replace/Rehabilitate Steel Water Storage Tank	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 District Wide BOE Office Window Replacement TIS Sidewalk Connection to the Front of the School THS VCT Tile Replacement - Multi Areas District Wide Energy Efficient Projects District Wide BOE Parking Lot Repavement THS Security Panel/Burglar System TMS Library and Main Office Carpet TIS Modular Roof Replacment	9,600,000 8,400 25,000 30,000 370,000 53,000 15,000 26,950 45,000		8,400 25,000 10,000 370,000	10,000 53,000	10,000 15,000 26,950		45,000	9,600,000 8,400 25,000 30,000 370,000 53,000 15,000 26,950 45,000
SUBTOTAL BOARD OF EDUCATION	10,173,350	9,600,000	413,400	63,000	51,950	0	45,000	10,173,350

	BUDGI	ET SUMMARIES F	R CAPITAL IMPRO OR FISCAL YEARS cs indicates the recurr	2019-2020 THROU	GH 2023-2024	T		
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								
Replacement of Light Duty Vehicles	73,416			18,779	18,779	18,929	16,929	73,41
Mini Excavator	70,400	1. A	70,400					70,4
Replacement ofTruck #81	33,600		33,600					33,6
Bald Hill Generator	24,995		24,995					24,9
Senior Center Generator	29,744		29,744					29,7
Replacement of Truck #9	33,000			33,000				33,0
Refurbishment of Truck #33	63,900			63,900	1			63,9
New Holland Skid Steer	74,160			74,160				74,1
Cargo Van (Parks)	24,255			24,255		1		24,2
Replacement of Truck #25	84,710			84,710				84,7
Replacment of Truck #35	177,000				177,000			177,0
Replacement of Service Truck 450	52,105				52,105			52,1
72" Exmark Mowers (4)	50,000				50,000			50,0
Replacement of Truck #53	88,950				88,950			88,9
Front End Loader	251,320					251,320		251,32
Replacement of Truck #38	93,181					.93,181		93,1
16' Toro Mower	103,950					103,950	22.000	103,9
Pick-Up Truck #56	32,000						32,000	32,0
Replacement of Truck #68	77,000						77,000	77,0
Replacement of Truck #10	38,500						38,500	38,5
Replacement of Truck #64	38,500						38,500	38,5
SUBTOTAL CAPITAL EQUIPMENT	1,514,686	1,448,175,000	158,739	298,804	386,834	467,380	202,929	1,514,6
FIRE AND AMBULANCE								
Fire and Ambulance								
Contribution to Emprophy Services Equinment Deserve								
Contribution to Emergency Services Equipment Reserve Replacement of AED Program	35,000	17,500	17,500					35,0
Replacement of ALD Program Replacement of Service 240 First Response Vehicle	90,000	17,500	90,000					90,0
Refurbishment of ET-140	140,000		140,000					140,0
Replacement of Rescue 240	750,000		750,000					750,0
Replacement of Personal Protective Equipment	35,000		, 20,000	35,000				35,0
Replacement of Ambulance 640	285,000			,***	285,000			285,0
Replacement of Ambulance 540	295,000					295,000		295,0
Refurbishment of ET-240	140,000					140,000		140,0
Replacement of Self Contained Breathing Apparatus	250,000						250,000	250,0
SUBTOTAL FIRE AND AMBULANCE	2,020,000	17,500	997,500	35,000	285,000	435,000	250,000	2,020,0

	BUDGE	ET SUMMARIES F	R CAPITAL IMPRO OR FISCAL YEARS lics indicated recurring	2019-2020 THROUG	GH 2023-2024			
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								
lew Playground Area Sym Floor at Recreation Cneter	47,355 40,810		47,355	40,810				47,355 40,810
SUBTOTAL PARKS AND RECREATION	88,165	0	47,355	40,810	0	0	0	88,165
PUBLIC FACILITIES								
Public Facilities					I			
Repainting of Arts Building Air Conditioning for Recreation Center BMS for Recreation Center Firehouse Design Phase Replacement of USTs Jail Museum Firehouse Improvement Implementation Birch Grove School Architectural Analysis Jail Museum Roof Replacement	28,600 187,000 28,000 100,000 12,100 3,000,000 100,000 66,000		28,600 187,000 28,000	100,000 12,100	3,000,000 100,000 66,000			28,600 187,000 28,000 100,000 12,100 3,000,000 100,000 66,000
Pole Sheds Public Facilities Yearly Improvements Birch Grove School Construction	88,000 60,000 40,000,000			15,000	15,000	88,000 15,000	15,000 40,000,000	88,000 60,000 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						1		
Drainage Construction and Design Plains Road Culvert	<i>723,737</i> 319,000		<i>154,945</i> 319,000	199,264	208,264	111,264	50,000	<i>723,737</i> 319,00 0
Pavement Management							i [
Road Improvements Cross Farms Parking Lot (Rear)	4,000,000 151,800		1,000,000	725,000 151,800		725,000	750,000	4,000,000 151,800
Various Roads	1,143,484			275,000		275,000	393,484	1,143,484
SUBTOTAL STREETS AND ROADS	6,338,021	0	1,473,945	1,351,064	1,208,264	1,111,264	1,193,484	6,338,02
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	66,559,02

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				BUDGET SU AR 2019-20									
YEAR 1				C	APITAL	BUDG	ET FUI	NDING	SOURC	ES			
CAPITAL BUDGET	Existing	General	CNRE	Recreation	Non	Refer	LOCIP	TAR	State &	School	Ambul	Other	Funding
FUNDING CATEGORIES	Funds	Fund	Fund	Special	Refer	Notes/	Grant	Grant	Federal	Const	Reserve		Totals
		Contrib		Revenue	Notes/	Bonds			Grants	Grant		Sources/ Appr Bonds	
					Bonds							Appi Bolids	
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
	2,02.,02.7								ŕ				
TOWN ADMINISTRATION													
													100000
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
											1		
BOARD OF EDUCATION													
Board of Education	9,600,000	43,400	0	0	0	0	-0	0	0			370.000	10,013,400
board of Education	9,000,000	43,400	ľ	, v	v	Ū	· ·		, ĭ				
CAPITAL EQUIPMENT													
Capital Equipment	0	58,595	0	0	0	0	0	0	0			70,400	128,99
FIRE AND AMBULANCE													
E INE MUT REMOVED TO A	***********						***********						******
Fire and Ambulance	17,500	0	0	0	750,000	0	0	0	0		247,500) (1,015,00
PARKS AND RECREATION													
Parks and Recreation	0	0	<u>م</u>	47,355	0	<u>م</u>	<u>م</u>	م ا	1 0	(47,35
r arks and Recreation	, v		ľ	-1,555		Ĭ	ľ	ľ	ľ				
PUBLIC FACILITIES													
													072.04
Public Facilities	0	43,472	0	0	0	0	0	0	14,872	(ין י	215,000	273,34
				1			ļ						
STREETS AND ROADS													
			1			p		1				1	
Construction and Reconstruction	0	0	0	0	0	0	135,149	338,796	c c			0 0	473,94
Pavement Management	0	0	0	0	0	1,000,000	0	0	c c		D I	0	1,000,00
					1			1			1		
		1											
												1	1
									1				
SUMMARY PROJECT TOTALS	9,617,500	164,448	147,354	47,355						2	0 247,50		0 14,618,37
FUNDING SOURCE VARIANCES	0	0	293,203	0	289,369	0 0	0	0			0 477,68	6	0 1,060,25

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

FUNCTION		ACTIVITY							PROGRAM					CODE
FY 2019-2020 Capital Budget - Year 1		Town Adm	inistration				UDCTT		Town Adm					2000-00 Funding
Project Description	Estimated	T		OWE			UDGET	LOCIP	NG SOU TAR	State &	School	Ambul	Other	Totals
	Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	Grant	Grant	Federal Grants	Const Grant	Reserve	Funding Sources/ Appr Bonds	Totals
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	15,009			15,009		-								15,009
List of Town Vehicles: 2013 Ford Explorer - Building Inspection (7 years)** 2015 Ford Explorer - Public Works Director (7 years)** 2011 F-150 Pickup Truck - Canine 2005 Jeep Liberty - Assessor 2006 Jeep Grand Cherokee - Recreation 2007 Jeep Liberty - Planner/Pool 2011 Ford Explorer - Pice Marshal 2011 Ford Explorer - Pool 2015 Ford Explorer - Pool 2015 Ford Explorer - Town Manager/Pool 2016 Mini-Van - Elderly List of Board of Education Vehicles: 2012 Ford F-150 Pickup	12,786			12,786										12,786
2015 Ford F-250 Pickup 2008 Ford E-250 Van ** These vehicles are the only ones that get replaced on a three or seven year cycle. Their replacements go into the pooled vehicles. Town of Vernon Water Pollution Control Plant Upgrade	4,146,805		18,981	99,559						-				118,540
Facility Plan Annual payments as defined by our Inter-Municipal agreement with the Town of Vernon, Tolland is responsible for 5.63% of the prospective costs of the improvements. Payments will be made over 20 years. The total project cost is approximately \$81 million which will be partially funded by grants. Tolland's estimated share over 20 years is \$4,146,805. General Fund pays: Year One: FX 2019/2020 _ \$118,540														
Year One: FY 2019/2020 - \$118,540 Year Two: FY 2020/2021 - \$236,980 Year Three: FY 2021/2022 - \$235,152 Year Four: FY 2022/2023 - \$231,696 Year Five: FY 2023/2024 - \$228,240 GIS Planimetric Data Update It has been over 10 years since critical planimetric data were updated and some data are over 16 years old. It is anticipated that the federal government will be conducting a flyover in Spring 2019 and that a few months after the flyover, the data will be available to towns to use to update the GIS. The funds are to retain services for converting the flyover data into planimetric data and then incorporating it into the town's mapping systems.	20,000			20,000										20,000
TOTAL TOWN ADMINISTRATION	4,194,600		18,981	147,354	l 0	ļ	0	0 ()	0		0	0	0 166,33

FUNCTION		ACTIVITY							PROGRAM					CODE Water
FY 2019-2020 Capital Budget - Year 1		Water Faci	littes		CAD	ITAL B	UDGET	FIND	Water Fac	URCES				Funding
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	Totals
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 maintain 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 critic 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 engineerin 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.	al sal					1,200,000				300,000				1,500,000
- TOTAL WATER FACILITIES	1,500,000	0				1,200,000				300,000				0 1,500,00

FUNCTION		ACTIVITY							PROGRA				<u> </u>	CODE
FY 2019-2020 Capital Budget - Year 1		Board of E	ducation						Board of E					2010-06
Project Description	Estimated						UDGET		ING SO					Funding
	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	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.	9,600,000	9,600,000												9,600,000
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														
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 window with grills to maintain historic preservation of the building. Likely le paint on exterior window brickmolding will need to be removed/ abated/encapsulated.	ws		8,400											8,400
TIS Sidewalk Connection from Portables to Front of School With the new senior housing project underway at the old Parker Elmentary 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 ar 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 arou 100' of length in the vicinity of 8' to 10' wide.			25,000											25,000
THS VCT Tile Replacements - Multi Areas The High School contains a discontinued vinyl composition tile that i no longer available for purchase. Although the worst of the cracked a in the A wing will be addressed with bond funds, there are numerous other areas that are showing significant cracking that should be addre 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	reas ssesed		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 () () (0 370,000	0 10,013,40

FY 2019-2020 Capital Budget - Year 1 Board of Education Board of Education 2010-	FUNCTION	ACTIVITY	PROGRAM	CODE
	FY 2019-2020 Capital Budget - Year 1	Board of Education	Board of Education	2010-06

Project Description

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.

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.

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.

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.

FUNCTION		ACTIVITY							PROGRAM	1				CODE
FY 2019-2020 Capital Budget - Year 1		Capital Eq							Capital Eq	uipment				2020-00
Project Description	Estimated				CAP	ITAL B	UDGET	FUNDI	NG SOU	RCES				Funding
	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	Totals
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 preppin 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 g		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 hamn 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 funde out of the Cemetery Fund which has an estimated balance of \$209,837.													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 shere 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) 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	24,479													
TOTAL CAPITAL EQUIPMENT	153,474	0	58,595		0 0		0	0)) 70,400	0 128,99

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FUNCTION		ACTIVITY							PROGRAM Fire and A					CODE 2030-00
FY 2019-2020 Capital Budget - Year 1	Estimated	Fire and A	indulance		 	TAL BU	TDGET	FUNDT	NG SOU					Funding
Project Description	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	Totals
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.	35,000	17,500										17,500		35,000
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.					-									
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		90,00
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, transmissic brakes, suspension and radiator). Any necessary bodywork will be completed to eliminate electrolysis on the body and frame. This truck i located out at Station 140 on Crystal Lake Road. The department is confident that a refurbishment can extend the useful life an additional 1	s							1				140,000		140,00
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	750,000					750,000								750,00
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. TOTAL FIRE AND AMBULANCE	1,015,000	17,500			0 0	750,000		0	0	0		247,50	0	0 1,015,0

FUNCTION		ACTIVITY							PROGRAM					CODE
FY 2019-2020 Capital Budget - Year 1		Parks and	Recreation							Recreation				2040-00
Project Description	Estimated						UDGET		NG SO				0.1	Funding
	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	Totals
New Playground Area Install a new playground area outside of the entrance to the building. The playground will replace the previous existing playground that was taken down this past year. The playground was removed due to its condition and to make room for the department's parking lot expansion. The playground would consist of elements for ages 3-5 making it suitable for our preschool program. Our preschool program would benefit greatly having a suitable, on-site playground area. The playground will have future expenditures for upkeep of safety material (every year/other year of playground fibers) and replacement of equipment (in approximately 10 years). Playground Structure: \$23,550 Preparation and Installation: \$7,500 Fencing: \$12,000 Contingency: \$4,305	47,355				47,355									47,355
TOTAL PARKS AND RECREATION	47,355	0	0		0 47,355	c			0) 0)	0 47,35

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FUNCTION		ACTIVITY							PROGRAM					CODE
FY 2019-2020 Capital Budget - Year 1		Public Faci	lities		<u></u>		UDODT	PUNDI	Public Fac					2050-00
Project Description	Estimated			ame		TAL B			NG SOU		0-11	Ambart	Other	Funding Totals
	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	Funding Sources/ Appr Bonds	Totais
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 inder 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) 14,872) 215,000) 273,34

FUNCTION		ACTIVITY	Z						PROGRAM	A			a	CODE
FY 2019-2020 Capital Budget - Year 1		Streets and	Roads						Construction	on and Reco	onstruction			2060-00
Project Description	Estimated						UDGET		NG SO		~		0.1	Funding
	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	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.	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 regrouted. 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			135,149	338,796	0				473,945

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FUNCTION		ACTIVITY	7						PROGRAM	M				CODE
FY 2019-2020 Capital Budget - Year 1		Streets and							Pavement	Managemer	ıt			2060-00
Project Description	Estimated				CAP		UDGET	FUNDI	NG SO					Funding
	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	Totals
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							1,000,000
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	5,000,000		0) 0	() 1,000,000	0)0				0 1,000,000

				BUDGET SI AR 2020-20	21								
YEAR 2 CAPITAL BUDGET FUNDING CATEGORIES	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	APITAL Non Refer Notes/ Bonds	BUDG Refer Notes/ Bonds	ET FU LOCIP Grant	NDING TAR Grant	SOURC State & Federal Grants	CES 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	C	o	C	434,446
BOARD OF EDUCATION													
Board of Education	10,000	63,000	0	0	0	0	0	0	0) c		73,000
CAPITAL EQUIPMENT													
Capital Equipment	0	76,034	0	0	222,770	0	0	0	0	() (298,804
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	o) (35,000) (35,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	40,810	0	0	0	0	c) ()	40,810
PUBLIC FACILITIES													
Public Facilities	0	27,100	0	0	100,000	0	0	0	(o (127,10
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	o	0	199,264	. (0	p l	199,26
Pavement Management	1,000,000	0	0	0	151,800	725,000	135,468	139,532)	0	D	0 2,151,80
SUMMARY PROJECT TOTALS FUNDING SOURCE VARIANCES	1,128,540						135,468				0 35,00 0 917,68	0	0 3,360,22 0 1,111,33

FUNCTION		ACTIVITY							PROGRAM	A				CODE
FY 2020-2021 Capital Budget - Year 2		Town Adm							Town Adm					2000-00
Project Description	Estimated				CAP	TAL B	UDGET	FUNDI						Funding
	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	Totals
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	16,140		16,140											16,140
List of Town Vehicles: 2013 Ford Explorer - Building Inspection (7 years)** 2015 Ford Explorer - Public Works Director (7 years)** 2011 F-150 Pickup Truck - Canine 2005 Jeep Liberty - Assessor 2006 Jeep Grand Cherokee - Recreation 2007 Jeep Liberty - Planner/Pool 2011 Ford Explorier - Pool 2011 Ford Explorer - Pool 2015 Ford Explorer - Town Manager/Pool						-								
2016 Mini-Van - Elderly	70 000		50 000											50,000
2019 Chevy Tahoe - Fire Marshal	50,000		50,000											30,000
List of Board of Education Vehicles: 2012 Ford F-150 Pickup 2015 Ford F-250 Pickup 2008 Ford E-250 Van	12,786		12,786											12,786
** These vehicles are the only ones that get replaced on a three or seven year cycle. Their replacements go into the pooled vehicles. Town of Vernon Water Pollution Control Plant Upgrade Facility Plan Annual payments as defined by our Inter-Municipal agreement with the Town of Vernon, Tolland is responsible for 5.63% of the prospective costs of the improvements. Payments will be made over 20 years. The total project cost is approximately \$81 million which will be partially	4,146,805	118,540	137,422	99,558										355,520
funded by grants. Tolland's estimated share over 20 years is \$4,146,805. General Fund pays: Year One: FY 2019/2020 - \$118,540 Year Two: FY 2020/2021 - \$236,980 Year Three: FY 2021/2022 - \$235,152 Year Four: FY 2022/2023 - \$231,696 Year Five: FY 2023/2024 - \$228,240											~			
TOTAL TOWN ADMINISTRATION	4,225,731	118,540	216,348	99,558		(0 0)				0	0 434,44

FUNCTION		ACTIVITY							PROGRAM					CODE
FY 2020-2021 Capital Budget - Year 2		Board of E	ducation						Board of E		w			2010-06
Project Description	Estimated					ITAL B	UDGET		ING SO					Funding
	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	Totals
District Wide BOE Parking Lot Repavement Current parking lot is at the end of its useful life. There is severe eracking, heaves and degradation throughout the parking lot and two egress entrances and exits. The parking lot is also shared by the neighboring church and daycare provider. Proposed work would be to remove 21,056 square feet of bituminous asphalt and install two new courses of bituminous asphalt at least 2" compacted (binder and weaving layer).	53,000		53,000											53,000
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 and in the A wing will be addressed with bond funds, there are numerous other areas that are showing significant cracking that should be address 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 outside of the gym between cafeteria side *hallway outside the Pre-K Child Development and within the Child	reas	10,000	10,000										1	20,000
Development classroom itself														
TOTAL BOARD OF EDUCATION	83,000	10,000	63,000											0 73,00

FUNCTION		ACTIVITY	Ž						PROGRA					CODE
FY 2020-2021 Capital Budget - Year 2		Capital Eq	uipment						Capital Eq					2020-00
Project Description	Estimated					ITAL B			ING SO				<u></u>	Funding
	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	Totals
Capital Equipment	222,770					222,770								222,770
Replacement of Truck #25 (\$84,710) This vehicle is used as a front line vehicle for snow removal operation as well as being used on a daily basis during the construction season. The current vehicle is considered in fair condition and is a 2007 Ford F-550 that has 68,123 miles on it. We intend to purchase a new plow and sander for this truck off of the CT State Bid.	s													
Refurbishing of Truck #33 (Highway) (\$63,900) This vehicle is a 2005 Mack CV712 with 93,000 miles on it. The cab and chassis are in decent condition but the body is deteriorating due t the exposure to the winter salt. We are proposing to replace the body and have the entire truck sandblasted and painted. This will include a ground speed control system also. We feel we can get another 8-10 years out of this vehicle. This has been rated as good/poor condition. (cost of new truck would be estimated at \$165,000)	o new													
New Holland Skid Steer (Parks) (\$74,160) This piece of equipment is used almost daily on field prep as well as during snow removal operations. We also use it heavily with attachm such as augers, brush hogs and forks for off-loading equipment and supplies. The unit it shall replace is a 2001 with approximately 3,500 hours on it and it is classified as fair condition.	nents													
Cargo Van #75 (Parks) This vehicle is used on a daily basis for maintenance operations on al of our Public Facilities. It is equipped with shelving to carry tools as well as spare parts for plumbing, lock sets, electrical and the mechani needs within the buildings. The current vehicle is a 2008 Ford van w 73,381 miles on it.	ical		24,255											24,255
Replacement of Truck #9 (\$33,000) (Highway) This truck is a 2003 F-150, 4 wheel drive pick-up truck with 129,000 miles on it. It's primary use is for transportation of the crew, tools an for responding to sreas of concern with cones, barricades etc. The floor has been replaced in both the cab and in the bed of the truck due to excessive rot. The engine is a small V-8 which is becoming weaked and the complete exhaust system, including manifolds are in need of replacement. This is classified as being in poor condition.	d e er		33,000											33,000
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	18,779		18,779											18,779
List of Public Works Vehicles: 2018 F-250 Pickup Truck - Highway Supervisor 2018 F-250 Pickup Truck - Parks Supervisor 2015 F-350 Truck - Operations Manager														
TOTAL CAPITAL EQUIPMENT	298,804		76,034		0 0	222,770	() (0	0 298,80

FUNCTION		ACTIVITY	Y						PROGRAM	M M				CODE 2030-00
FY 2020-2021 Capital Budget - Year 2	D.4	Fire and A	mbulance		C 4 P	177 1 7	UDCTT	FILME	Fire and A	mbulance				Funding
Project Description	Estimated	Preisting	General	CNRE	Recreation	ITAL B Non	Refer	LOCIP	TAR	State &	School	Ambul	Other	Totals
	Project	Existing		Fund	Recreation	Refer	Notes/	Grant	Grant	Federal	Const	Reserve	Funding	100013
	Cost	Funds	Fund	Fund	Special			Grant	Grant			Reserve	Sources/	
			Contrib		Revenue	Notes/	Bonds			Grants	Grant			
	1					Bonds							Appr Bonds	
														25.000
Replacement of Personal Protective Equipment	35,000											35,000		35,000
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.														
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TOTAL FIRE AND AMBULANCE	35,000	0 0	0		0 0	0	0	0	0 0	0) 35,000		35,00

FUNCTION		ACTIVITY							PROGRAM			<u>,,,,,</u>		CODE
FY 2020-2021 Capital Budget - Year 2			Recreation						Parks and	Recreation				2040-00
Project Description	Estimated						UDGET		ING SO					Funding
	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	Totals
Gym Floor at Recreation Center Install a new gymnasium floor in the Recreation Center. The gym floor will replace our current flooring which is tile laid directly on a concrete slab. This fllor is not conducive to the activities that are currently being offered by the department. The current floor has no give to it, making it hard on the joints for participants of all ages. This floor will give us the flexibility to program for the residents of the elderly housing being developed next door. The floor has a life expectancy of 15-20 years.	40,810				40,810									40,810
Gym Floor: \$37,100 Contingency: \$3,710														
TOTAL PARKS AND RECREATION	40,810	0	0	(40,810	0	0) 0	(40,810

FUNCTION		ACTIVITY						<u>.</u>	PROGRAM	1		E.		CODE
FY 2020-2021 Capital Budget - Year 2		Public Faci	lities						Public Faci			<u></u>		2050-00
Project Description	Estimated					ITAL B		FUNDI						Funding
	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	Totals
Replacement of UST'S Jail Museum The existing UST (Underground Storage Tank) is reaching the end of its useful life. It is believed to be approximately 20 years old which is the recommended time of replacement. This project would entail removing the UST and installing two above ground fuel tanks in the Jail's basement. Contaminated soil would impact this projected cost.	12,100		12,100											12,100
Firehouse Improvement Design In this step the Town will work with an architect/design firm to develop a scope of work that will bring the three firehouses up to the current building codes, ADA compliance and incorporate some of the requests from the building occupants as well.	100,000					100,000								100,000
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
TOTAL PUBLIC FACILITIES	127,100	C	27,100			100,000		0				0		0 127,10

FUNCTION		ACTIVITY	2						PROGRAM	1				CODI
FY 2020-2021 Capital Budget - Year 2		Streets and	Roads		C A D	177 4 1 1	UDCTT	PILVIN	Construction	ID CES	onstruction			2060-0 Funding
Project Description	Estimated	Drigting	General	CNRE	Recreation	Non	UDGET Refer	LOCIP	TAR	State &	School	Ambul	Other	Totals
	Project Cost	Existing Funds	General Fund Contrib	Fund	Recreation Special Revenue	Refer Notes/ Bonds	Notes/ Bonds	Grant	Grant	Federal Grants	Const Grant	Reserve	Funding Sources/ Appr Bonds	100015
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					199,26
						,								
							,							
TOTAL CONSTRUCTION	199,264		0) 0	0			199,264	0	0	0 0	() 199,

FUNCTION		ACTIVITY							PROGRAM					CODE 2060-00
FY 2020-2021 Capital Budget - Year 2		Streets and	Roads		C + P		UDCPM	TINDT	NG SO	Managemer	11		<u></u>	Funding
Project Description	Estimated	T ' '		ONTOP		ITAL B		LOCIP	TAR	State &	School	Ambul	Other	Totals
	Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	Grant	Grant	Federal Grants	Const Grant	Reserve	Funding Sources/ Appr Bonds	100415
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	151,800	725,000	135,468	139,532	0) ()	0 2,151,8

	ľ	YEAR 3 CA FIS		R 2021-20	22								
YEAR 3				C	APITA	L BUD		JNDING					
CAPITAL BUDGET FUNDING CATEGORIES	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS>	2,150,520	247,249	193,645	0	468,055	3,800,000	135,468	338,796	0	(1,142,686	0	8,476,419
TOWN ADMINISTRATION		1	de la composition de										
Town Administration	355,520	161,520	99,558	0	0	0	0	0	0	() 0	0	616,598
BOARD OF EDUCATION		24.45											
Board of Education	20,000	51,950	0	0	Ö	0	0	0	0	(o c	0	71,950
CAPITAL EQUIPMENT	0	18,779	0	0	368,055	0	0	0	0	() C	0	386,834
FIRE AND AMBULANCE		·		,			1997						
Fire and Ambulance	0	0	0	0	0	0	0	0	0)	285,000) C	285,000
PARKS AND RECREATION Parks and Recreation	0	0	0	0	0	0	0	0	C		p (
PUBLIC FACILITIES					100.000								2 181 000
Public Facilities	0	15,000	0	0	100,000	3,000,000	66,000	0	C	' '			3,181,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	0	208,264	0		0 0		208,264
Pavement Management	1,725,000	0	0	0	C	800,000	69,468	130,532			0 (o (2,725,000
х													
SUMMARY PROJECT TOTALS	2,100,520	247,249	99,558			3,800,000		338,796			0 285,00	0	0 7,474,64
FUNDING SOURCE VARIANCES	50,000	0			() ()	0 857,68	6	0 1,001,77

Town Administration Project Description Tewn Administration Control Control Control Control Control Control Superior Plunds Special None Control Control Plunds Special None Control Plunds Special Control Control Control Special Control Control Special Control Special Control Control <th colspan="6" con<="" th=""><th>UNCTION</th><th></th><th>ACTIVITY</th><th>ζ</th><th></th><th></th><th></th><th> PROGRAI</th><th>M</th><th></th><th> </th><th>CODE</th></th>	<th>UNCTION</th> <th></th> <th>ACTIVITY</th> <th>ζ</th> <th></th> <th></th> <th></th> <th> PROGRAI</th> <th>M</th> <th></th> <th> </th> <th>CODE</th>						UNCTION		ACTIVITY	ζ				 PROGRAI	M		 	CODE
Project Description Bindingtor CAPITAL DUG BT FUNDING 50 URCES Pointing Ceneral Control Project Distribution Project Distribution Project Distribution Control Project Distribution Control Project Distribution Control Project Distribution Projecentaria Project Distribution Projecential Project	Y 2021-2022 Capital Budget - Year 3				 						 	2000-00						
Cont Fund Pand Pand Pand Pand Reverse Notes/ Reverse Notes/ Bonds Grant Grant Grant Grant Grant Grant Reverse Panding Replacement of Light Duty Vehicles - To Reserve for Surreer's Var Dipersistion 13,140 13,140 13,140 13,140 13,140 14,14	Project Description										 							
Current Var Depresision Internet Var Depresision Prinds for municipal values replacement. Internet Var Depresision Variat for municipal values replacement. Internet Variation Variat for municipal values replacement. Internet Variation Variat for municipal values replacement. Internet Variation Variat For Depresision Internet Variation Variat For Depresision Internet Variation Variat For Depresision Fire Variat Fore Depresision Fire Variat For Deprepresision Fire				Fund	Special	Refer Notes/	Notes/		Federal	Const	Funding Sources/	Totals						
2021 Ford Explorer - Build in Explored (7) years)** 2021 Ford Explorer - Public Work Director (7) years)** 2021 F130 Fishight Truds - Camine 2021 Ford Explorer - Pool 2021 Ford Explorer - Fool 2021 Ford Explorer - Restration 2021 Ford Explorer - Restration 2021 Ford Explorer - Restration 2021 Ford Explorer - Pool 2021 Ford Explorer - Pool 2021 Ford Explorer - Pool 2021 Ford Explorer - Restration 2021 Ford Explorer - Pool 2020 Ford	Current Year Depreciation	13,140		13,140								13,140						
2012 Ford F-150 Pickup 2015 Ford F-250 Van ** These vehicles are the only ones that get replaced on a three or seven year cycle. Their replacements go into the pooled vehicles. Town of Vernon Water Pollution Control Plant Upgrade Facility Plan Annual payments as defined by our Inter-Municipal agreement with the Town of Vernon, Tolland is responsible for 5.63% of the prospective costs of the improvements. Payments will be made over 20 years. The total project cost is approximately S81 million which will be partially funded by grants. Tolland's estimated share over 20 years is \$4,146,805. General Fund pays: Year There: FY 2022/2021 - \$235,880 Year There: FY 2022/2023 - \$231,696	 1021 Ford Explorer - Building Inspection (7 years)** 1015 Ford Explorer - Public Works Director (7 years)** 1021 F-150 Pickup Truck - Canine 1005 Jeep Liberty - Assessor 1013 Ford Explorer - Pool 1011 Ford Expedition - Fire 1011 Ford Explorer - Recreation 1015 Ford Explorer - Pool 1016 Mini-Van - Elderly 																	
seven year cycle. Their replacements go into the pooled vehicles. Town of Vernon Water Pollution Control Plant Upgrade Facility Plan Annual payments as defined by our Inter-Municipal agreement with the Town of Vernon, Tolland is responsible for 5.63% of the prospective costs of the improvements. Payments will be made over 20 years. The total project cost is approximately \$81 million which will be partially funded by grants. Tolland's estimated share over 20 years is \$4,146,805. General Fund pays: Year Tore: FY 2019/2020 - \$118,540 Year Thre: FY 2022/2021 - \$2236,980 Year Thre: FY 2022/2023 - \$2231,696 Year Four: FY 2022/2023 - \$2231,696	vist of Board of Education Vehicles: 2012 Ford F-150 Pickup 2015 Ford F-250 Pickup	12,786		12,786								12,786						
TOTAL TOWN ADMINISTRATION 4,172,731 355,520 161,520 99,558 0 </td <td>even year cycle. Their replacements go into the pooled vehicles. Fown of Vernon Water Pollution Control Plant Upgrade Pacility Plan Annual payments as defined by our Inter-Municipal agreement with the Town of Vernon, Tolland is responsible for 5.63% of the prospec costs of the improvements. Payments will be made over 20 years. T otal project cost is approximately \$81 million which will be partially unded by grants. Tolland's estimated share over 20 years is \$4,146, General Fund pays: Year One: FY 2019/2020 - \$118,540 Year Two: FY 2021/2021 - \$236,980 Year Three: FY 2021/2022 - \$231,696 Year Five: FY 2023/2024 - \$228,240</td> <td>tive He 805.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>590,672</td>	even year cycle. Their replacements go into the pooled vehicles. Fown of Vernon Water Pollution Control Plant Upgrade Pacility Plan Annual payments as defined by our Inter-Municipal agreement with the Town of Vernon, Tolland is responsible for 5.63% of the prospec costs of the improvements. Payments will be made over 20 years. T otal project cost is approximately \$81 million which will be partially unded by grants. Tolland's estimated share over 20 years is \$4,146, General Fund pays: Year One: FY 2019/2020 - \$118,540 Year Two: FY 2021/2021 - \$236,980 Year Three: FY 2021/2022 - \$231,696 Year Five: FY 2023/2024 - \$228,240	tive He 805.										590,672						

FUNCTION		ACTIVITY							PROGRAI District W					CODE 2010-06
FY 2021-2022 Capital Budget - Year 3 Project Description	Estimated	Board of E	инсаноп		CAP	ITAL P	UDGET	and the second	NG SO			<u></u>		Funding
r toject Description	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	Totals
THS Security Panel/Burglar System The current security panel is operational but the Tolland BOE is ooking to integrate all four schools onto the same security platform. The High School has an Ademco system with Honeywell keypads that will be upgraded to a current platform with the same compatible software. The keypads, wiring and contracts can remain the same base upon the age of the unit but the head end controller unit will need to be changed.	ed		15,000											15,000
TMS Library and Main Office Carpet The current carpet in the Main Office, Guidance and Library areas are at the end of their useful lives. There is significant staining, wear and and are in need of replacement. The cost to install new carpet tiles inflation adjusted) is about \$5.50 per square foot.			26,950											26,950
I'HS 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 ar n the A wing will be addressed with bond funds, there are numerous other areas that are showing significant cracking that should be address 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	reas	20,000	10,000							- -				30,000
TOTAL BOARD OF EDUCATION	71,950	20,000	51,950				, ,) C			0 0) 71,95

FUNCTION		ACTIVITY	7						PROGRAM	M			· · · · · · · · · · · · · · · · · · ·	CODE
FY 2021-2022 Capital Budget - Year 3		Capital Eq							Capital Eq					2020-00
Project Description	Estimated				CAP	ITAL B	UDGET	FUND	ING SO					Funding
	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	Totals
Capital Equipment	368,055					368,055								368,055
Replacement of Truck #35 (\$177,000) This vehicle is used as a front line vehicle for snow removal operation as well as being used on a daily basis during the construction season. The current vehicle is a 2002 Western Star that has 13,146 miles and 2,039 hours on it. This vehicle is also designated as our water truck during the summer months and is in fair to poor condition.	s													
Replacement of Truck #53 (\$88,950) This vehicle is used as a front line vehicle for snow removal operation as well as being used on a daily basis during the mowing season. We typically keep a utility trailer on it all season long to house mowing equipment. The current vehicle is a 2007 Ford F-450 that has 63,284 miles on it. We intend to purchase a new 9' plow for this truck off of the CT State Bid as well.	s													
Replacement of Service Truck 450 (\$52,105) This vehicle is used by the Mechanics as a utility body for carrying tools, etc. and a lift gate which provides the ability to put items such as welders, pumps, etc. in the back of the vehicle while providing service calls to equipment out on the road. It will replace a 2003 Ford F-350 which has 90,000 miles on it currently and will have approximately 116,000 on it in 2021. It is in fair condition.														
72" Zero Turn Exmark Mowers (4) (\$50,000) The current zero turn mowers have approximately 800 running hours on them at this point. By the time they are replaced in 2021 they will have approximately 1,000 hours on them. At that point we will b investing more money in them than they are worth. At this point they are considered in fair condition due to the working environment that they are exposed to.	e													
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	18,779		18,779											18,775
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	386,834		18,779) 0	368,055	(0				386,83

FUNCTION		ACTIVITY	ζ						PROGRAM	4				CODE
FY 2021-2022 Capital Budget - Year 3		Fire and A	mbulance						Fire and A	mbulance				2030-00
Project Description	Estimated			• •			UDGET		ING SO					Funding
	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	Totals
Replacement of Ambulance 640 Standard 5 year replacement program. The department currently has two ambulances. One is located at Station 140, 64 Crystal Lake Road and the other is located at Station 240, 3 Rhodes Road. Each ambulance geographically covers one half of the town. All new equipment needs to be purchased at the same time for example, stretchers, radios, AEDs and ePCR laptops. The capital replacement cost takes those expenses into consideration. This ambulance has gone with one remount cycle saving approximately half the cost of purchasing a new ambulance. The cab and chassis was purchased with the intention of repurposing it when the ambulance module completes this duty cycle. The ambulance module can be sold to another agency and the revenue cane be used to repurpose the cab and chassis into another mission for the department.	285,000					Bonds						285,000	Appr Bonds	285,000
TOTAL FIRE AND AMBULANCE	285,000	0								0		285,000		0 285,000

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ICTION 2021-2022 Capital Budget - Year 3		ACTIVITY Parks and	Y Recreation						PROGRAM Parks and	vI Recreation				COD 2040-0
Project Description	Estimated	I al R5 allu	1001 040011		CAP	ITAL B	UDGET	FUND	NG SO	URCES				Funding
	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	Totals
NO NEW FY 2021-2022 PROJECTS FOR PARKS AND RECREATION														
				1										
TOTAL PARKS AND RECREATION) (0	ļ	0 0	0)		ļ	<u>,</u>	,	0

FUNCTION		ACTIVITY	Y						PROGRAM	<u>, </u>				CODE
FY 2021-2022 Capital Budget - Year 3		Public Fac							Public Fac	ilities				2050-00
Project Description	Estimated						UDGET		NG SO					Funding
	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	Totals
Replacement of Jail Museum Roof Re-roofing of the Jail Museum building. Due to the age of the shingle and the flat roof dictates that the existing roofing needs to be stripped covered with water and ice protection and re-shingled.	66,000 s							66,000						66,000
Firehouse Improvement Implementation Phase During this phase the Town will award a contract for the implementat of the approved plans that have been designed for each of the three firehouses (140, 340 & 440).	3,000,000 ion						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
													- -	
				A										
TOTAL PUBLIC FACILITIES	3,181,000	0	15,000	с	0	100,000	3,000,000	66,000	0	0		C	0	3,181,000

INCTION		ACTIVITY				PROGRAM										
2021-2022 Capital Budget - Year 3		Streets and F	Roads		Construction and Reconstruction CAPITAL BUDGET FUNDING SOURCES											
Project Description	Estimated										~ 4			Funding		
	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	Totals		
rainage Construction and Design nds for drainage and detention basin replacement, repairs and provements to all or portions of certain town roads identified by e pavement management system. This account will be used for nding the cleaning and maintenance of our detention basins.	208,264								208,264					208,2		
	1	1	1	1	1		1	1	1		1	1	1	1		

FUNCTION		ACTIVITY							PROGRAM					CODE
FY 2021-2022 Capital Budget - Year 3		Streets and R	loads				DOFT	TIMPTY	Pavement N	Anagemen	t			2060-00 Funding
Project Description	Estimated		~ .1			TAL BU		FUNDIN			0.11	Ambant	Other	
	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	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 Fhree: 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		800,000	69,468	130,532) (0 2,725,00

	· · · · · · · · · · · · · · · · · · ·	YEAR 4 CA FIS		AR 2022-20	23								
YEAR 4 CAPITAL BUDGET FUNDING CATEGORIES	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	CAPITA Non Refer Notes/ Bonds	L BUDG Refer Notes/ Bonds	ET FU LOCIP Grant	<u>NDING</u> TAR Grant	SOUI State & Federal Grants	CES 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	O	0	0	(
CAPITAL EQUIPMENT Capital Equipment	0	18,929	0	0	448,451	0	0	0	0	c	0	0	467,380
FIRE AND AMBULANCE Fire and Ambulance	0	0	0	0	0	0	0	0	0	c	435,000	0	435,000
PARKS AND RECREATION													
Parks and Recreation	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	103,00
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	0	111,264	C			0 0	111,26
Pavement Management	2,525,000	0	0	0	0	725,000	47,468	227,532	C	(0	3,525,00
SUMMARY PROJECT TOTALS FUNDING SOURCE VARIANCES	3,115,672	291,551	0 94,087		,		135,468				0 435,000 0 647,680) 5,489,93) 741,77

FUNCTION		ACTIVITY	7						PROGRAM	M		i		CODE
FY 2022-2023 Capital Budget - Year 4		Town Adm								inistration				2000-00
Project Description	Estimated					ITAL B	UDGET	FUNDI	ING SO	URCES				Funding
	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	Totals
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	13,140		13,140											13,140
List of Town Vehicles: 2021 Ford Explorer - Building Inspection (7 years)** 2015 Ford Explorer - Public Works Director (7 years)** 2021 F-150 Pickup Truck - Canine 2005 Jeep Liberty - Assessor 2013 Ford Explorer - Pool 2007 Jeep Liberty - Pool/Planner 2011 Ford Explorer - Pool/Planner 2011 Ford Explorer - Recreation 2015 Ford Explorer - Recreation 2015 Ford Explorer - Pool 2016 Mini-Van - Elderly 2019 Chevy Tahoe - Fire Marshal														
List of Board of Education Vehicles: 2012 Ford F-150 Pickup 2015 Ford F-250 Pickup 2008 Ford E-250 Van (Deferred until next year)	12,786		12,786											12,786
** These vehicles are the only ones that get replaced on a seven year cycle. Their replacements go into the pooled vehicles.		-												
Town of Vernon Water Pollution Control Plant Upgrade Facility Plan Annual payments as defined by our Inter-Municipal agreement with the Town of Vernon, Tolland is responsible for 5.63% of the prospect costs of the improvements. Payments will be made over 20 years. Th total project cost is approximately \$81 million which will be partially funded by grants. Tolland's estimated share over 20 years is \$4,146,8	e	590,672	231,696											822,368
General Fund pays: Year One: FY 2019/2020 - \$118,540 Year Two: FY 2020/2021 - \$236,980 Year Three: FY 2021/2022 - \$235,152 Year Four: FY 2022/2023 - \$231,696 Year Five: FY 2023/2024 - \$228,240	-													
TOTAL TOWN ADMINISTRATION	4,172,731	590,672	257,622		0	0	0	0	0	0				848,294

UNCTION		ACTIVITY	Z						PROGRAI	м				CODE
Y 2022-2023 Capital Budget - Year 4 Project Description	1 12 12 14 1	Board of E	ducation		0.4.7	TWAT D	UDODT	EIINE	Board of E	ducation				2010-06 Funding
Project Description	Estimated Project	Existing Funds	General	CNRE	Recreation	Non Refer	UDGET Refer Notes/	LOCIP	NG SO TAR Grant	State & Federal	School Const	Ambul Reserve	Other Funding	Totals
	Cost	Funds	Fund Contrib	Fund	Special Revenue	Notes/ Bonds	Bonds	Grant	Giailt	Grants	Grant	Reserve	Sources/ Appr Bonds	
NO NEW FY 2022-2023 PROJECTS						Donus							rippi Donio	
FOR BOARD OF EDUCATION														
									-		,			
									1					
											-			
TOTAL BOARD OF EDUCATION		0 0	0	0	0	0	0	0	0	0	0	0	0	<u> </u>

FUNCTION		ACTIVITY	7						PROGRAM	М				CODE
FY 2022-2023 Capital Budget - Year 4		Capital Eq							Capital Eq					2020-00
Project Description	Estimated		-		CAP	ITAL B	UDGET	FUND	ING SO					Funding
	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	Totals
Capital Equipment	448,451					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 sall from loading the vehiclesduring snow events. This includes "Loadrit system for weighing the materials. We estimate this will have over 20 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 operation 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. 	"),000 .		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	C	0	448,451	0	0	0	0	C			467,38

FUNCTION		ACTIVITY							PROGRAM					CODE
FY 2022-2023 Capital Budget - Year 4		Fire and A	mbulance				IID C D T		Fire and A				-8-,	2030-00
Project Description	Estimated	D i <i>i</i> i		0.00			UDGET		NG SO		0.1.1		041	Funding
	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	Totals
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 electrolysison the body and frame. This truck is located at Station 240 on Rhodes Road. The departmnet was confident that a refurbishment could extend the useful life of this apparatus an additioar 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
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 cane 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		435,000		0 435,00

UNCTION		ACTIVITY	Y .						PROGRAI	M				CODE
Y 2022-2023 Capital Budget - Year 4	T	Parks and	Recreation			10.1 5	UDCTT	DILLE	Parks and	Recreation				2040-00 Funding
Project Description	Estimated	R. C. K		CNIDE	CAP	ITAL B	UDGET	FUND	NG SO	State &	School	Ambul	Other	Totals
	Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	Federal Grants	Const Grant	Reserve	Funding Sources/	Totais
NO NEW FY 2022-2023 PROJECTS FOR PARKS AND RECREATION														
							-							
TOTAL PARKS AND RECREATION		0	0) 0	0	0) 0	0	0	0	0		

FUNCTION		ACTIVITY	-			• • • • •			PROGRAM	M				CODE
FY 2022-2023 Capital Budget - Year 4		Public Faci							Public Fac	ilities				2050-00
Project Description	Estimated				CAP	ITAL B	UDGET	FUNDIN	NG SOU	RCES				Funding
	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	Totals
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
TOTAL PUBLIC FACILITIES	103,000	0	15,000	0	0	0	0	88,000	0) 0	0) C	0	103,000

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FUNCTION		ACTIVITY		·····	<u></u>	····			PROGRAM	A				CODE
FY 2022-2023 Capital Budget - Year 4		Streets and Roads			GADIT			UNDING	Constructio	on and Reco	onstruction			2060-00 Funding
Project Description	Estimated Project	Existing	General	CNRE	Recreation	Non	Refer	LOCIP	TAR	State &	School	Ambul	Other	Totals
	Cost	Funds	General Fund Contrib	Fund	Special Revenue	Refer Notes/ Bonds	Notes/ Bonds	Grant	Grant	Federal Grants	Const Grant	Reserve	Funding Sources/ Appr Bonds	10000
Drainage Construction and Design Funds for drainage and detention basin replacement, repairs and mprovements to all or portions of certain town roads identified by he pavement management system. This account will be used for funding the cleaning and maintenance of our detention basins.	111,264								111,264					111,264
Ň														
TOTAL CONSTRUCTION	111,264	0	0		0			0 0	111,264	. 0	() () 111,2

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FUNCTION		ACTIVITY							PROGRAM					CODE
FY 2022-2023 Capital Budget - Year 4		Streets and Roads							Pavement I	Managemer	nt			2060-00
Project Description	Estimated							UNDING	SOUR		_		·····	Funding
	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	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							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	0	3,525,00

					SUMMARY	ľ						<u> </u>	<u> </u>
YEAR 5		. FI	SCAL IE	AR 2023-2	CAPITA	L BUD	JET FI	INDING	J SOU	RCES			
I EAR 5 CAPITAL BUDGET FUNDING CATEGORIES	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
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	C	1,076,534
BOARD OF EDUCATION													
Board of Education	. 0	45,000	0	0	0	0	0	0	0	0	C	(45,000
CAPITAL EQUIPMENT													
Capital Equipment	0	16,929	0	0	186,000	0	0	0	0	O	C	(202,92
FIRE AND AMBUL ANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	c	250,000)	250,00
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	0	0	0	0	c	() (D
PUBLIC FACILITIES													
Public Facilities	0	15,000	C	0	0	40,000,000	0	c	C) (0 40,015,00
STREETS AND ROADS													
Construction and Reconstruction	0	6		0	0) c	0	50,000				D	0 50,00
Pavement Management	3,250,000	0		0	C	750,000	104,149	289,335	5 (þ	0 4,393,48
SUMMARY PROJECT TOTALS FUNDING SOURCE VARIANCES	4,072,368		5 0 94,08'			40,750,000		339,33			0 <u>250,00</u> 0 622,68		0 46,032,94 0 716,77

FUNCTION		ACTIVITY	/					· · · · · ·	PROGRAI					CODE
FY 2023-2024 Capital Budget - Year 5		Town Adm	inistration							inistration			<u>.</u>	2000-00
Project Description	Estimated						UDGET		NG SO				0.1	Funding
	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	Totals
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	13,140		13,140											13,140
List of Town Vehicles: 2013 Ford Explorer - Building Inspection (7 years)** 2015 Ford Explorer - Public Works Director (7 years)** 2011 F-150 Pickup Truck - Canine 2005 Jeep Liberty - Assessor 2006 Jeep Grand Cherokee - Pool 2007 Jeep Liberty - Pool/Planner 2011 Ford Expedition - Fire 2011 Ford Explorer - Recreation 2015 Ford Explorer - Pool 2016 Mini-Van - Elderly 2019 Chevy Tahoe - Fire Marshal														
List of Board of Education Vehicles: 2012 Ford F-150 Pickup 2015 Ford F-250 Pickup 2008 Ford E-250 Van	12,786		12,786											12,786
** These vehicles are the only ones that get replaced on a three or seven year cycle. Their replacements go into the pooled vehicles. Town of Vernon Water Pollution Control Plant Upgrade Facility Plan Annual payments as defined by our Inter-Municipal agreement with the Town of Vernon, Tolland is responsible for 5.63% of the prospect costs of the improvements. Payments will be made over 20 years. Th total project cost is approximately \$81 million which will be partially funded by grants. Tolland's estimated share over 20 years is \$4,146,8 General Fund pays: Year One: FY 2019/2020 - \$118,540 Year Two: FY 2020/2021 - \$236,980 Year Three: FY 2021/2022 - \$235,152 Year Four: FY 2022/2023 - \$231,696 Year Five: FY 2023/2024 - \$228,240	ne '	822,368	228,240											1,050,608
TOTAL TOWN ADMINISTRATION	4,172,731	800.200	254,166		0 0		5	0)		0	0	0 1,076,53

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FUNCTION		ACTIVITY	7					<u></u>	PROGRAM	M				CODE
FY 2023-2024 Capital Budget - Year 5		Board of E							Board of E	ducation	····			2010-06
Project Description	Estimated						UDGET		NG SO			· · · · · · · ·		Funding
	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	Totals
TIS Modular Roof Replacement The TIS portable classrooms were installed in 2003-2004 before the high school was built and utilized for education up until about 2010. They have now been designated as district storage for school supplies science curriculum materials, as well as storage for all community-base programs such as Project Graduation, Tolland Youth Services, etc. This 8-room structure is about 7,500 square feet and the roof is compri of an EPDM (rubber) style roof with a 20 year warranty. By 2024, that roof should plan on being replaced or overlaid with another course of EPDM product.	ed		45,000								, ,			45,000
TOTAL BOARD OF EDUCATION	45,000	0	45,000) 0	C	0 0			0 0) () 45,000

FUNCTION		ACTIVITY	Z						PROGRAM	Ň				CODE
FY 2023-2024 Capital Budget - Year 5		Capital Eq	uipment						Capital Eq					2020-00
Project Description	Estimated					TAL B	UDGET		ING SO					Funding
	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	Totals
Capital Equipment	186,000					186,000								186,000
Pick Up Truck #56 (\$32,000) This vehicle has been used as a primary vehicle for snow removal operations as well as being used on a daily basis during the mowing/ painting season. We utilize this for plowing sidewalks, cemeteries an schools as well as the vehicle that tows the line painter for lining the athletic fields. This vehicle is a 2006 (13) Ford F-250 that has 76,725 miles on it with minor areas of body deterioration. It is considered to in fair condition. The new vehicle would become the Supervisor's tru and truck #3 would go into the fleet.	be													
Replacement of Truck #68 (Parks) (\$77,000) This vehicle is used as a front line vehicle for snow removal operation as well as being used on a daily basis during the field maintenance season. The current vehicle is a 2007 Ford F-550 that is in fair condition and has 99,016 miles on it. We intend to purchase a new plow and sander for this truck off of the CT State Bid.	rs							-						
Replacement of Truck #10 (Highway) (\$38,500) This vehicle is used primarily as a vehicle for transportaion of the cre during our construction season. The current vehicle is a 2007 Ford F-250 that has 99,249 miles on it and is in fair condition. We intend to purchase this vehicle from the CT State Bid.	×													
Replacement of Truck #64 (Highway) (\$38,500) This truck is a 2002 F-250 that is designated as our sign truck. It has appoximately 127,558 miles on it and we estimate that it will hav roughly 165,000 miles on it by the time we have it on our schedule for replacement. Currently it is listed as in fair condition due to the age and mileage.														
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	16,929		16,929						-					16,92
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	202,929		16,929) 0	186,000	- C) () () () (202,92

FUNCTION		ACTIVITY	7						PROGRAM	м				CODE
FY 2023-2024 Capital Budget - Year 5		Fire and A							Fire and A	mbulance				2030-00
Project Description	Estimated			······			UDGET	FUND	ING SO	URCES				Funding
	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	Totals
Replacement of Self Contained Breating 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
														<u> </u>
TOTAL FIRE AND AMBULANCE	250,000	0	0	C	0	0	0	0	0	0 0	0	250,000		250,00

FUNCTION		ACTIVITY	2				· · · · · · · · · · · · · · · · · · ·		PROGRAM	M				CODE
FY 2023-2024 Capital Budget - Year 5 Project Description		Parks and	Recreation				UD OD O		Parks and	Recreation				2040-00
Project Description	Estimated	Existing	Conservat	CNRE	C A P Recreation	ITAL B Non	UDGET Refer	FUND LOCIP	NG SO TAR	URCES State &	School	Ambul	Other	Funding Totals
	Project Cost	Funds	General Fund Contrib	Fund	Special Revenue	Refer Notes/ Bonds	Notes/ Bonds	Grant	Grant	Federal Grants	Const Grant	Reserve	Funding Sources/	
NO NEW FY 2018-2019 PROJECTS FOR PARKS AND RECREATION		X												
· · · · · · · · · · · · · · · · · · ·														
TOTAL PARKS AND RECREATION	0	0	0	ļ,) 0	0	0	0		0	ļ,	0 0		0

FUNCTION		ACTIVITY			<u> </u>				PROGRAM					CODE
FY 2023-2024 Capital Budget - Year 5		Public Faci	lities						Public Faci	lities				2050-00
Project Description	Estimated				CAP	ITAL B		FUNDIN						Funding
	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	Totals
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 Construction Demolition of Birch Grove due to pyrrhotite damage to existing structure and construction of a replacement building. (Referendum required November, 2022)	40,000,000					. *	40,000,000							40,000,000
			-											
TOTAL PUBLIC FACILITIES	40,015,000	0	15,000) 0)	0 40,000,000	0	C) ()	0 40,015,000

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FUNCTION		ACTIVITY	Ž			· · · ·	<u> </u>	·····	PROGRAM	4				CODE
FY 2023-2024 Capital Budget - Year 5		Streets and	Roads						Constructi	on and Reco	nstruction			2060-00
Project Description	Estimated	<u> </u>					UDGET	FUNDI	NG SO	URCES	0.1 1	A1.1	04	Funding
	Project Cost	Existing Funds	General Fund Contrib	CNRE Funđ	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	Totals -
Drainage Construction and Design Funds for drainage and detention basin replacement, repairs and improvements to all or portions of certain town roads identified by the pavement management system. This account will be used for funding the cleaning and maintenance of our detention basins.	50,000								50,000					50,000
							١							
·														
TOTAL CONSTRUCTION					· · · ·) 50,0

FUNCTION		ACTIVITY	ζ						PROGRAM					CODE
FY 2023-2024 Capital Budget - Year 5		Streets and	Roads						Pavement I	Managemen	nt			2060-00
Project Description	Estimated						UDGET	FUNDI	NG SO					Funding
	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	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					L		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	750,000	104,149	289,335	0) 0		4,393,48

		Equipm	ent Agin	g Sched		Jnits Ass proposed 5		Highwa	ay Garag	ge	updated as of 10/2	018
Vehicle/Eap	# Description	Year	FY 19/20	FY 20/21		FY 22/23	-	EV 24/25	EV 25/26	FV 26/27	1 0	FY 28/29
Frucks:	2	1.001	1110/20	I I ZUIZI	I I Allaz	1122/20	1 1 20/24	11 4145	11 25/20	1120/21	112//20	11 20/2.
12 TOL	International 4700 (Tree Truck)	2000	19	20	21	22	22	24	25	26	27	
64 TOL	Ford F250	2002	17	18	19	20	new					
35 TOL	Western Star Dump	2002	17	18	new	and a constant of the second second	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	
33 TOL	Mack Dump	2005	14	refurbishing								
10 TOL	Ford F250 P/U	2007	13	14	15	15	new			Active States		
25 TOL	Ford D-550 Dump	2007	12	new								10.000
14 TOL	GMC 7500	2008	11	12	13	14	15	15	16	17	18	
21 TOL	Mack Dump	2008	11	12	13	14	15	15	16	17	18	
27 TOL	International 7400	2008	11	12	13	14	15	15			18	
31 TOL	International 7400	2009	10	11	12	13	14	15			18	
26 TOL	International 7400	2012	8	9	10	11	12	13	14	15	16	
32 TOL	International 7400	2012	8	9	10	11	12	13	14		16	
51 TOL	International 7400	2013	7	8	9	10	11	12	13	14	15	
28 TOL	International 7400	2014	6	7	8	9	10	11	12	13	14	
11 TOL	Ford F350	2015	5	6	7	8	9	10	11	12	13	
13 TOL	Ford F350 Rack Body	2015	5	6	7	8	9	10	11	12	13	
2 TOL	Ford F350	2015	5	6	7	8	9	10	11	12	13	
24 TOL	International 7400	2016	4	5	6	7	8	9	10	11	12	
6 TOL	International Low Pro 4300	2016	4	5	6	7	8	9	10	11	12	
4 TOL	Ford F250	2018	1	2	3	4	5	6	7	8	9	
29 TOL	International 7400	2018	1	2	3		5	6	7	8	9	2.2.187.5.1
30 TOL	International 7400	2018	1	2	3	4	5	6	7	8	9	
heduled Repla												
9 TOL	Ford F250	2020		new	1	2	3	4	5	6		
33 TOL	Mack Dump- Refurbishing	2020		refurbishing	1	2	3	4	5	6		
25 TOL	Ford D-550 Dump	2020		new	1	2	3	4	5	e		
35 TOL	International 7400	2021			new	1	2	3	4	5		
8 TOL	Ford Utility	2021			new	1	2	3	4	5		
64 TOL	Ford F250	2023					new	1	2			
10 TOL	Ford F250 P/U	2023					new	1	2	3	4	
eavy Equipn		1070	Collect Descention of the second	Participant International Inte		AND ADDRESS OF THE OWNER OF THE OWNER					-	
7 701	Cat Grader	1972	47	48	49	and the second second second second second	51	52	53	Contractor of the order of the		
7 TOL	Vac-All Cat 938 Loader	2000	19	20	21		23	24	25	20	27	
20 TOL 19 TOL		2002	17	18	19	and so that the second s			And the second second second			
19 IOL	Elgin Sweeper	2003	16	17	18	19	20	21	22	23	24	
	Paver (used) Roadside Mower	2007	12	13	14	15	16	17	18	Contraction of the I	1 Description of the second s Second second sec	
	Hyndai Excavator 4500	2010	9	10	11	12	13	14	15	10	and the second se	
17 TOL	Cat Loader 924	2011	9	10	11		13					
22 TOL	Cat Backhoe	2014	6	and the second se						the second s	and the second se	The second state of the second state of the
22 IOL	Wacker Pro-Line Roller	2014	2			5	10			and the second se	All and the second s	the late of a second strend pro-
heduled Repla		2017	2	3	4	5	6	1 7	8	1	10	
20 TOL	Front End Loader	2022				new						
	Big Truck			racommandad	nd of service			•	2 1/2010		of comise	
	Low Profile Dump			recommended en 1 year past recor		service		and the second second		ommended end	of service ided end of servic	0
in the provest	Small Dump			2 years past reco					scheduled for re		idea ena or servic	0
	Pick Up w/Utility Body			~ yours past 1000				negative states and second	seneauted for re		1	
A STATE OF THE OWNER	Pick Up											

					2019/2020	proposed 5	vear CIP				updated as of 10/.	2018
Vahiala/Ean	#Deservice time	V	EX 10/20	EX 20/21			-	TRY 04/05	TRACIO	THACIDE		
	# 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 2
Trucks: 63 TOL	GMC 3500	1999	100 m		-	23		Contraction of the local division of the loc		COLUMN STREAM	1	Careford State
37 TOL	GMC 3500	2003	20 16		18			25			28	
38 TOL	Ford F550	2003	15			new	Statement of the statem		and the local damages of the	arrent arrent to und out the		
56 TOL	Ford F250	2006	10	11	12							
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					16	17	1.57.853
61 TOL 50 TOL	Ford F250 (mechanics truck) Ford F550	2013 2015	7	8	9	10					and the second design of the s	and the second se
SO TOL	Ford F550	2015	3	6	7			10				
39 TOL	International 4300 Durastar	2010	2		4	5			8			
3 TOL	Ford F250	2018	1	2	3				7	5	10	
Scheduled Repla												
81 TOL	Ford F250	2019	new	1	2	3	4	5	6	1	7 8	3
75 TOL	3/4 Ton Van	2020		new	1	2	3	4	5	(5 7	7
53 TOL	Ford F450	2021			new	1	2		4	:		
38 TOL	Ford F550	2022				new			3		4 5	
56 TOL	Ford F250	2023					new		2			
68 TOL	Ford F550	2023	1				new	1	2		3 4	1
Equipment:	Ford Tractor	1070				The supervised succession succession	a series and the series	Protocol and the second	Contraction of the		The second s	and the second second
	Ford Tractor Sweepstar	1970 1991	39	40	41			44	and the second se	statements and a second se	47	
	Easy Rake	1991	28	29	30	and the second s		33	34	2	5 26 8 29	
	Gravely Snow Blower	1998	21	22	23		and the second se	26	21	4	29	
	Gravely Snow Blower	1999	20	21	22		and the second se	23	26	2	7 28	
	John Deere Tractor	2001	18	19	20		The local distance in	23	24	2	24	5
	Easy Rake	2001	18						24			
	Skidsteer New Holland180	2001	17	new								1
	Easy Rake	2005	15	and the second se	17	a second s		20	21		27	3
	Lazer Lawnmower	2005	15		17		and the second se	20	21	2.	23	1
	Gravely Snow Blower Cat Loader	2005 2006	15 14	16 15	17		and the second se	20 19	21	2.	23	
	Gravely Snow Blower	2008	14	And the second se	16	A REAL PROPERTY AND A REAL PROPERTY.	and the second se	19	CONTRACTOR OF A DESCRIPTION OF A DESCRIP	and the second second second second	1 22	
	Lazer Lawnmower	2007	13	14	15		and the second se	18			2	0
	Kubota tractor	2007	new									
	4000 Lawnmower	2007	13	14	15	16	17	18	19	2	0 20	D
	Line Painter	2008	14		16				20	2	2	2
	Skidsteer New Holland 170	2011	9		11		13	14	15	10	6 17	7
	Toro 5910 Mower	2010	9	10	11					Color Street Street Street		
	Ventrix mower/thrower ExMark Lazer Lawnmower	2013 2014	8	9	10	11	12	13	allegenderen 14	a state and the state	1	0
	ExMark Lazer Lawnmower	2014	6	7	new							
	ExMark Lazer Lawinnower	2014	6	7	new	<u> </u>					+	
	ExMark Lazer Lawnmower	2014	6	7	new		<u> </u>				1	1
	Easy Rake/Smithco Groomer	2015	4	5	6	7	8	1	10	1	1 States 1	2
	Line Painter	2017	2	3			6	7	8		9 10	0
	Toro Mower	2018	1	2	3	4	5	6	7		8	9
	60" Exmark Mower	2018	1	2	3	4	. 5	6	7		8	9
Scheduled Repl												
	Mini Excavator	2019	new	1	2			5	6		7 8	8
I	Skidsteer New Holland180	2020		new	1	2			5		6	7
	ExMark Lazer Lawnmower	2021	-		new			-	4		5 (6
	ExMark Lazer Lawnmower ExMark Lazer Lawnmower	2021 2021			new				4		5 (6
	ExMark Lazer Lawnmower	2021			new				4		5 0	
	Toro 5910 Mower	2021			new	new			4		4	5
			1						· · · ·			-1
	Small Dump			recommended							recommended e	
	Low Profile Dump				commended en				Manager and Association		ommended end	of servic
an and services with	Pick Up Van			2 years past re	commended e	nd of service			Service and the	scheduled fo	r replacement	

LUG-SER.			Tourn of T	alland						
		Department	Town of T al Capital Project		of 10/1/2018				Dage 1	
	Department: Board of Education	-			Division: Central	Office			Page 1	
	Prepared By: Walter Willett Superintendent				Date Prepared: (October 1, 2018				
	Town Bonded Projects FY18-20 Completed Projects BOE Funds FY 18		equests FY17-18 \$10 EOY BUDGET FUNDS		BOE Capital Req	uests FY18-24			When Opportunit	y Arises
Dept.		FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY2024	TOTAL	WOA
Priority	Project Title		and a second state for the	Seal Con State		1111011	112025		13,200	IIOA
igh Igh	BOE Maintenance Equipment Trailer TIS Main Entry Door System (Front door System)		Completed under BOE Budget- \$6,7 Completed under District Wide secu		ew doors at TIS				25,000	
GH GH	TIS Electrical Surge protected System for switch gear TMS Electrical Surge protected System for switch gear		Completed under BOE Budget-\$7,64 Completed under BOE Budget-\$7,64						8,500 8,500	
IGH	TIS Security Panel/ burglar system		30,000 45,000						30,000 45,000	
IGH IGH	TMS Security Panel/burglar system TMS Removal of Modular classrooms		30,000						30,000	
IGH IGH	TIS Paving of Rear Parking Lot(only 1 coat after geoth TMS Paving of parking lot (excluding access road & ex		38,000 259,310						38,000 259,310	
IGH IGH	TMS New concrete front sidewalk THS Gym floor		45,000 35,000						45,000 35,000	
IGH	TMS Gym floor		25,000						25,000	
IGH IGH	Dist Wide IT School Surveilance & Access Contol Syste THS Fire Panel-Faulty Relays	em	35,000 40,000						35,000 40,000	
igh Igh	BGP Fire Panel Device and Loop Card Updates Dist Wide Custodial Floor Machine		24,000 18,397						24,000 18,397	
IGH	Dow Corning Security Window Film Caulk BGP		18,414						18,414 22,986	
igh Edium	Dow Corning Security Window Film Caulk THS TIS Carpet for Library and Main Office		22,986 30,350						30,350	
	TMS & THS Computer 1 to 1 Initiative Grd 6-12 Dist Wide BOE office Window replacement			8,400					0 8,400	108,43
EDIUM	TIS Sidewalk Connection to front of School			25,000					25,000	109 43
	TMS & THS Computer 1 to 1 Initiative Grd 6-12 THS VCT Tile replacements Multi-areas			10,000	10,000	10,000			0 30,000	108,43
	Dist Wide BOE Parking lot repavement TMS & THS Computer 1 to 1 Initiative Grd 6-12				53,000				53,000 0	108,43
EDIUM	THS Security Panel/Burglar system					15,000 26,950			15,000 26,950	
	TMS Library and Main Office carpet TMS & THS Computer 1 to 1 Initiative Grd 6-12					20,930			0	108,43
igh Fdtum	Dist Wide Wireless Access Point Upgrades TMS & THS Computer 1 to 1 Initiative Grd 6-12								0 0	130,80 108,43
EDIUM	TIS Modular Roof Replacement							45,000	45,000 0	108,43
EDIUM	TMS & THS Computer 1 to 1 Initiative Grd 6-12									100,45
	THS Warning Transition Strips TIS Roof		onded/Completed-\$231,812.37 onded/Completed-\$ 1,417,606.72	YTD(\$30,760.15 awaitin	g reimbursement for project cl	oseout from State)			232,000 1,897,000	
ITICAL	THS PA System Expansion	37,374	onded/Completed-\$37,374.00						37,374 60,441	
RITICAL	BGP Exterior Door Replacements BOE Boiler Replacement and Fuel Conversion	16,573	onded/Completed-\$60,441.00 onded/Completed-\$16,573.00						16,573	
igh Igh	THS Track Resurfacing BGP security fence and gate	the second s	onded/Completed-\$119,308.00 onded/Completed-\$13,070.00						119,308 13,070	
igh Igh	District Paving @ TIS and BGP TIS Cafeteria Tables		onded/Completed-\$46,177.00 onded/Completed-\$27,880.95						46,177 27,881	
(GH	HVAC Upgrades-District Wide	24,995	onded/Completed-\$19,213.00						24,995 61,094	
igh Igh	Dist Wide Snow & Lawn Equipment THS Classroom Tech Upgrades	61,094	onded/Completed-\$56,434.52						01,094	126,12
igh Igh	TMS Science Lab Tech Upgrades TMS Press Box/Retaining Wall & Pavement		45.000	onded/Underway, expec	ted completion October 2018-	\$ 29.317.55			45,000	104,22
EDIUM	THS STEM/Math Enhancement			15 000	Bonded/Not Begun-Summer	2010			15,000	50,00
EDIUM	TMS Gym Dividers TIS Gym Dividers			15,000	Bonded/Not Begun-Summer	2019			15,000	
EDIUM IGH	THS VCT Flooring A Wing Hallway TMS Fire Alarm Notification System		10,650	10,000 onded/Completed- \$10,	Bonded/Not Begun-Summer	2019			10,000 10,650	
GH GH	THS Business Lab Upgrade THS New English Lab Upgrade									16,12 11,54
										52,96
igh igh	THS Music & Art Lab Upgrade BGP Science Lab Tech Upgrades									23,08
GH GH	TMS Classroom Tech Upgrades THS Science Lab Tech Upgrades									93,00 56,76
EDIUM	TMS STEM/Math Enhancement			318,000	Bonded/Not Begun-Summer	-			318,000	30,00
RITICAL	TIS Replacement Ceiling Tile (Building wide) TMS Roof Replacement Section A-S			2,265,150	Bonded/Not Begun-Summer	2019			2,265,150	
GH Edium	TIS Asbestos removal & replacement of floor tiles TMS Replacement Ceiling Tile (Building wide)			452,180 318,000	Bonded/Not Begun-Summer Bonded/Not Begun-Summer				452,180 318,000	
GH	Dist Wide School Bldg Security Upgrades	1	500.000	onded, 70% complete- :	4322 325 37 YTD				500,000	
GH	TMS Window, Exterior Doors & PCB Removal		000,000		Bonded/Not Begun-Summer	2019			880,000	105 10
GH GH	BGP Classroom Tech Upgrades TIS Classroom Tech Upgrades									105,19 107,59
GH	TIS Science Lab Tech Upgrades BGP STEM/Math Enhancement									34,07
DIUM	TIS STEM/Math Enhancement									20,00
	THS Graphics Lab Upgrade TMS Computer Ed Labs Upgrade									75,45
DIUM	THS World Language Lab Upgrade									23,64
DIUM	TMS Art & Music Labs Upgrade									35,17 36,38
	TMS Replacement Science Lab Furniture TMS Renovation of 6 Science Labs									1,060,00
DIUM	TMS Technology Ed Labs Upgrade									26,24
DIUM	BGP Lab Upgrade									20,41
DIUM	TIS Computer Ed Lab Upgrade TIS Keyboarding Lab Upgrade									38,85
	TIS Library Lab Upgrade THS CADD Lab Upgrade								1.2000.0	24,30 22,72
	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	\$3,034,2
	BOE CAPITAL PROJECTS REQUESTED BOE CAPITAL PROJECTS BONDED BY TOWN	\$0 \$2,535,913	\$154,147 \$555,650	\$43,400		\$51,950 \$0	\$0 \$0	\$45,000 \$0	\$357,497 \$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.

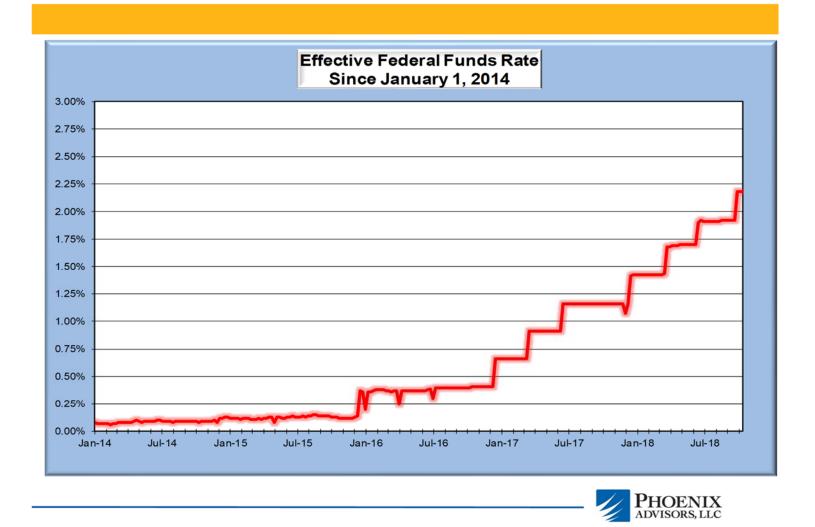
	Au	thorized	From CIP			Cash		
	But	Not Issued	12/5/18			Needs		
Year 1 - FY 2019-20	\$	4,900,995	750,0	00	\$	5,650,995		
Year 2 - FY 2020-21		725,000	474,5	570		1,199,570		
Year 3 - FY 2021-22		800,000	3,468,0	55		4,268,055		
Year 4 - FY 2022-23		725,000	448,4	51		1,173,451		
Year 5 - FY 2023-24		953,827	20,186,0	00		21,139,827		
Year 6 - FY 2024-26		0	21,000,0	00		21,000,000		
	\$	8,104,822	\$ 46,327,07	76	\$!	54,431,898		
	Amo	unt Issued						
YEAR 1	\$	5,650,000	Issue BANs - J	July	2019			
YEAR 2		6,850,000	Issue Bonds - J	July 1	2020			
YEAR 3		4,265,000	Issue BANs - J	July 1	2021			
YEAR 4		5,440,000	Issue Bonds - J	July 2	2022			
YEAR 5	2	21,140,000	Issue BANS - J	uly 2	2023			
YEAR 6	4	42,140,000	Issue \$21,140,0	000	Bond	ls & \$21 Mil	lion BANs -	July 2024
YEAR 7	2	21,000,000	Issue Bonds - J	July 2	2024			
YEAR 8		-						
	\$ {	54,430,000	Total amount B	onde	ed			

Long-term Interest Rates – Past 50 Years

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



Short-term Interest Rates



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

Highest	<u>AAA</u>	AAA	Aaa	_
	AA+	AA+	Aa1	-
	AA	AA	Aa2	
	<u>AA-</u>	AA-	Aa3	
	<u>A+</u>	A+	A1	
	<u>A</u>	А	A2	
	<u>A-</u>	A-	A3	
	BBB+	BBB+	Baa1	
Lowest	BBB	BBB	Baa2	
Lowest	BBB-	BBB-	Baa3	PHOENIX
				ADVISORS, LLC

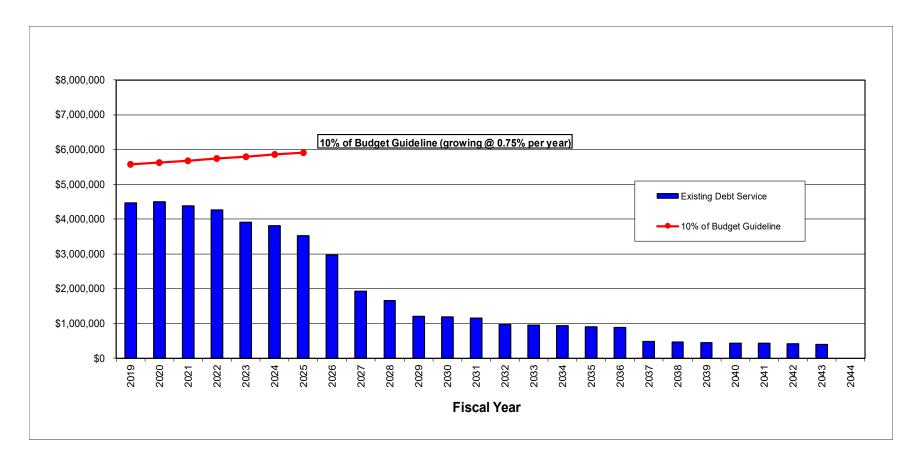
Major Rating Assessment Categories

- 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)



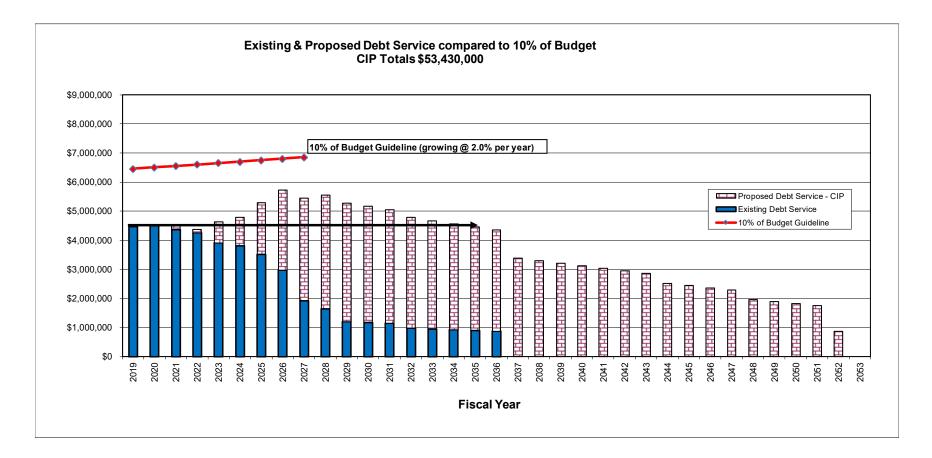
Existing Debt Service

The Town's <u>existing</u> 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

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	Existing General Fund Only Debt Service					Proposed Debt Service ==>								
Fiscal	Existing General Fund Principal	Existing GF	TOTAL General Fund Debt (excludes Sewer Assessment Debt & 2013 & 2016	Annual Change in Existing Debt Service	\$5,650,000 BANs Dated: 10/19 Due: 10/20\$6,850,000 Bonds Dated October 2020 Term: 25 Years Rate: 3.50%\$4,625,000 BANs Dated: 10/21 Due: 10/22\$5,440,000 Bonds Dated October 2022 Term: 20 Years Rate: 3.65%PrincipalInterestTotalInterestPrincipal			\$21,140,000 BANs Dated: 10/23 Due: 10/24						
Year 2019	3,235,247	Interest 1,233,705	Energy Leases) 4,468,952	Dept Service	Interest		intereet		Interest				Interest	
2019	3,370,737	1,133,803	4,408,952	35,589	-	-	-	-	-	-	-	-	-	
2020	3,365,737	1,008,161	4,373,898	(130,642)	- 131,080	-	-	-		-	-	-	-	
2021	3,382,047	873,444	4,255,491	(130,042)	131,000	-	119,875	119,875	-	-		-		
2022	3,176,667	738,159	3,914,825	(340,666)		275,000	234,938	509,938	115,625		99,280	99,280	_	
2023	3,201,667	615,020	3,816,686	(98,139)		275,000	225,313	500,313	115,025	275,000	193,541	468,541		
2024	3,011,667	508,500	3,520,166	(296,520)		275,000	215,688	490,688		275,000	183,504	458,504	422,800	
2025	2,551,667	420,277	2,971,943	(548,223)	-	275,000	206,063	490,088		275,000	173,466	448,466	422,000	
2020	1,560,000	362,088	1,922,088	(1,049,856)	-	275,000	196,438	471,438	-	275,000	163,429	438,429	_	
2027	1,330,000	302,000	1,651,713	(270,375)	-	275,000	186,813	461,813	-	275,000	153,391	438,429	-	
2020	920,000	289,838	1,209,838	(441,875)	-	275,000	177,188	452,188	-	275,000	143,354	418,354	_	
2029	920,000	269,838	1,182,100	(441,873)	-	275,000	167,563	442,563	-	275,000	133,316	408,316	-	
2030	920,000	233,188	1,153,188	(28,913)	-	275,000	157,938	432,938	-	275,000	123,279	398,279	_	
2031	770,000	207,088	977,088	(176,100)	-	275,000	148,313	432,938		270,000	113,333	383,333	-	
2032	770,000	183,500	953,500	(170,100)	-	275,000	138,688	413,688	-	270,000	103,478	373,478	_	
2033	770,000	159,425	929,425	(23,388)	-	275,000	129,063	404,063		270,000	93,623	363,623	-	
2034	770,000	135,350	905,350	(24,075)	-	275,000	119,438	394,438	-	270,000	83,768	353,768	_	
2035	770,000	110,300	880,300	(24,073)	-	275,000	109,813	394,438		270,000	73,913	343,913	-	
2030	390,000	90,950	480,950	(399,350)	-	275,000	100,188	375,188	-	270,000	64,058	334,058	_	
2037	390,000	78,763	468,763	(12,188)		275,000	90,563	365,563		270,000	54,203	324,203		
2030	390,000	66,575	456,575	(12,188)		275,000	80,938	355,938		270,000	44,348	314,348		
2039	390,000	53,900	438,900	(17,675)		275,000	71,313	346,313		270,000	34,493	304,493		
2040	385,000	40,425	438,900	(13,475)		275,000	61,688	336,688		270,000	24,638	294,638		
2041	385,000	26,950	411,950	(13,475)		275,000	52,063	327,063		270,000	14,783	284,783		
2042	385,000	13,475	398,475	(13,475)		270,000	42,525	312,525		270,000	4,928	274,928		
2043	303,000	13,473		(398,475)		270,000	33,075	303,075	-	270,000	4,920	274,920		
2044	_			(000, 470)		270,000	23,625	293,625						
2045	-		-	-		270,000	14,175	293,025		-	-		-	
2040	-	-				270,000	4,725	274,725		_	-	-		
2047	_	-		-		210,000	4,725	214,125			_	-		
2048	_			-	-					-				
2049														
2050														
2052														
2052	-		-	-	-			-	-		-	-		
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% Due: 10/25		Dated: 10/24	\$21,000,000 Bonds Dated Oct 2025			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	
2019	-	-	-	-	-	-	-	-	-	- (011)	-	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	-	-	-	-	-	-	-	-	-	-					<u> </u>
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 2019	Debt Service Fund - Balance 717,643	Annual \$ Change of Existing Plus Proposed Debt Service	Annual % Change of Existing Plus Proposed Debt Service	Mill Rate to pay Debt Service 3.56	Debt Per- Capita 2,295	Estimated Market Value 1,828,056,120	G.F. Bonded Debt as a % of Full Market Value 1.87%	General Fund Expenditures (GAAP Basis) 65,422,073	General Fund debt service as a % of General Fund expenditures 6.95%	Bonded Debt Outstanding 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 F	2001 Car #2										
Public Works Director	2015 Ford Explorer to F	Recreation	New Vehicle 2015 Ford Explorer to I	Recreation								
Building Inspector	2013 Ford Explorer to A	New Vehicle 2013 Ford Explorer to A										
Elderly Outreach	2016 Dodge Caravan											
Canine	2010 F150	New Vehicle										
Fire Marshall	2011 Expedition											
Assessor	2006 Liberty surplus	2013 Ford Explorer to A 2006 Liberty surplus	Assessor									
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				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

Function	Activity	<u>Program</u>	<u>Project</u>	Operating <u>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.