



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

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December 12, 2017

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 2018/2019 - 2022/2023 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 this year's budget process, the General Fund portion of the Capital Improvement Plan was \$54,578 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 amount from the General Fund toward the capital improvement plan of \$61,906. This is an increase of \$7,328 in the General Fund contribution in comparison to the current year. Included as part of my recommendation for Year One is \$722,122 in non-referendum borrowing to cover the costs of large heavy equipment (\$242,122), salt shed tarp (\$100,000) and pavement management (\$380,000).

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 second 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 \$2,197,958 which is 5% of the current grand levy as of FY 2017-18. 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. Attachment 1 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 \$22,600,000 over the next five years with \$13,786,266 of this amount as previously approved debt and an additional \$8,817,307 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 2018/2019 Debt Service budget and remaining years show no increase in funding levels. Any savings from future declining debt is programmed to go into our Capital Reserve Fund to be used as future pay as you go financing for capital projects beginning in 2028.

I have worked very closely with the Superintendent of Schools, Walt Willett as well as School Facilities Manager, Peter Sztaba in the preparation of the school portion of this Capital Plan. Many of the most significant capital needs of the school system have been met with the \$10 million Honeywell ESCO project as well as the passage of the \$9.6 million school improvement bond issue. Consideration in the future should be given to budgeting \$100,000 to be used by the Board of Education to address yearly capital needs of a smaller nature. In addition the Board of Education had requested consideration in Year Five of a bond issue in the amount of \$1,104,560 for paving needs at Birch Grove and Tolland Middle School as well as boiler replacement at Birch Grove, removal of modular classrooms at Tolland Middle School and district wide wireless access point upgrades. I have deferred that request until at least the

2023/2024 year due to uncertainties with costs associated with repairs of the Birch Grove School foundation.

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 Two of the plan is proposing to replace Rescue 240. The cost of fire apparatus has increased substantially over the last several years and to replace this piece of equipment is estimated to be \$650,000. The Fire Capital Reserve account does not have sufficient funds to address this need and therefore a non-referendum borrowing has been recommended as a source of funding.

Although not part of the Capital Plan, it should be noted that our debt financing plan is also impacted by the purchase of additional open space property. Currently there remains \$579,407 in the open space fund with the source being primarily grant proceeds and it is anticipated that we will continue to pursue purchase of additional land as it becomes available as well as state open space grants.

The Town has approximately 132 miles of road for which it is responsible. It is the Town's goal to extend as long as possible the useful life of a road before complete reconstruction is required. The Town engaged VHB Engineering Services to implement an automated road management program. This program involves the review of all 132 miles of road and the development of a standard data base that can be used to recommend priorities for future maintenance work. The results of the study were used this past year to determine priorities for road improvements and will continue to be used in the future. I am including \$288,796 next year for road maintenance from the TAR grant along with \$105,468 from LOCIP and \$380,000 from non-referendum borrowing. The majority of the funding for annual road improvement allocation comes from either Town Aid Road funds, LOCIP or non-referendum notes. I am in Year Two recommending a Six Year, five million dollar bond issue for road and parking lot improvements. This will require a referendum question in the November 2018 election. With current funding we are just able to address the most immediate needs and if the Town desires to improve the overall condition of its road network additional funds are necessary. We must also be mindful of the condition of our many parking lot surfaces and beginning in 2022 money for this purpose should be allocated on a priority basis.

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 (Attachment 2), 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 (Attachment 3), 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 Attachment 4 to 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. 15, 2018.

SRW/lfb
Attachments

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

5-YEAR CAPITAL IMPROVEMENT PLAN BUDGET SUMMARIES

YEAR 1: FY 2018-2019

YEAR 2: FY 2019-2020

YEAR 3: FY 2020-2021

YEAR 4: FY 2021-2022

YEAR 5: FY 2022-2023

FIVE YEAR CAPITAL IMPROVEMENT PLAN
BUDGET SUMMARIES FOR FISCAL YEARS 2018-2019 THROUGH 2022-2023

Italic indicates the recurring projects

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds for next budget	FY 2018-2019	FY 2019-2020	FY 2020-2021	FY 2021-2022	FY 2022-2023	Funding Totals FY 2019-2023
TOWN ADMINISTRATION								
Town Administration								
<i>Replacement of Light Duty Vehicles - Town</i>	139,368		30,772	27,176	29,140	26,140	26,140	139,368
<i>Replacement of Light Duty Vehicles - BOE</i>	63,930		12,786	12,786	12,786	12,786	12,786	63,930
Plan of Conservation and Development	30,000		30,000					30,000
Town of Vernon Water Pollution Control Facility Plan	4,146,805			118,540	236,980	235,152	250,000	840,672
SUBTOTAL TOWN ADMINISTRATION	4,380,103	0	73,558	158,502	278,906	274,078	288,926	1,073,970
BOARD OF EDUCATION								
Board of Education								
School Projects	9,600,000	9,600,000						9,600,000
SUBTOTAL BOARD OF EDUCATION	9,600,000	9,600,000	0	0	0	0	0	9,600,000
CAPITAL EQUIPMENT								
Capital Equipment								
<i>Replacement of Light Duty Vehicles</i>	99,348		18,348	20,700	20,050	20,050	20,200	99,348
Replacement of Truck #30	169,122		169,122					169,122
Replacement of Toro Mower (Parks)	62,500		62,500					62,500
Replacement of Truck #8	10,500		10,500					10,500
60" Exmark (Parks)	12,139		12,139					12,139
Mini Excavator (Parks)	70,400			70,400				70,400
Replacement of Truck #29	175,000			175,000				175,000
Replacement of Truck #81 (Parks)	32,000			32,000				32,000
Replacement of Truck #9	33,000				33,000			33,000
Refurbishing of Truck #33	63,900				63,900			63,900
New Holland Skid Steer	74,160				74,160			74,160
Replacement of Truck #35	177,000					177,000		177,000
Replacement of Truck #64	35,000					35,000		35,000
Replacement of Service Truck (Highway)	52,105						52,105	52,105
Replacement of Truck #38 (Parks)	81,900						81,900	81,900
Front End Loader	251,320						251,320	251,320
SUBTOTAL CAPITAL EQUIPMENT	1,399,394	0	272,609	298,100	191,110	232,050	405,525	1,399,394

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
BUDGET SUMMARIES FOR FISCAL YEARS 2018-2019 THROUGH 2022-2023**

Italics indicates the recurring projects

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	FY 2018-2019	FY 2019-2020	FY 2020-2021	FY 2021-2022	FY 2022-2023	Funding Totals FY 2019-2023
FIRE AND AMBULANCE								
Fire and Ambulance								
<i>Contribution to Emergency Services Equipment Reserve</i>								
Replacement of Ambulance 540	214,000	214,000						214,000
Replacement AED Program	35,000	17,500		17,500				35,000
Replacement of Two Thermal Imagers	20,000		20,000					20,000
Self-Contained-Breathing-Apparatus (SCBA)	461,640	30,000	431,640					461,640
Replacement of 2006 Service 240 First Response Vehicle	87,500			87,500				87,500
Replacement of Rescue 240	650,000			650,000				650,000
Refurbishment of ET-140	130,000			130,000				130,000
Replacement of Fire Gear	60,000				60,000			60,000
Replacement of Ambulance 640	285,000					285,000		285,000
Refurbishment of ET-240	140,000						140,000	140,000
Replacement of Ambulance 640	285,000						285,000	285,000
SUBTOTAL FIRE AND AMBULANCE	2,368,140	261,500	451,640	885,000	60,000	285,000	425,000	2,368,140

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
BUDGET SUMMARIES FOR FISCAL YEARS 2018-2019 THROUGH 2022-2023**

Italics indicated recurring projects

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	FY 2018-2019	FY 2019-2020	FY 2020-2021	FY 2021-2022	FY 2022-2023	Funding Totals FY 2019-2023
PARKS AND RECREATION								
Parks and Recreation								
New Playground Area	40,000			40,000				40,000
SUBTOTAL PARKS AND RECREATION	40,000	0	0	40,000	0	0	0	40,000
PUBLIC FACILITIES								
Public Facilities								
Firehouse Improvement Design Phase	100,000				100,000			100,000
Municipal Center Pedestrian Pathway	140,041		23,000	117,041				140,041
Replacement of Salt Shed Tarp	100,000		100,000					100,000
Repainting of Arts Building	26,400			26,400				26,400
Firehouse Improvement Implementation Phase	3,000,000					3,000,000		3,000,000
Replacement of UST's Jail Museum	12,100				12,100			12,100
Firehouse 340 Roof	50,000				50,000			50,000
Replacement of Jail Museum Roof	66,000					66,000		66,000
Pole Shed for Highway Garage	88,000						88,000	88,000
SUBTOTAL PUBLIC FACILITIES	3,582,541	0	123,000	143,441	162,100	3,066,000	88,000	3,582,541
STREETS AND ROADS								
Construction and Reconstruction								
<i>Drainage Construction and Design</i>	<i>812,056</i>		<i>50,000</i>	<i>155,264</i>	<i>199,264</i>	<i>208,264</i>	<i>111,264</i>	<i>724,056</i>
Plains Road Culvert	319,000			319,000				319,000
Pavement Management								
Road Improvements	3,250,000			1,000,000	725,000	800,000	725,000	3,250,000
Cross Farms Parking Lot (Rear)	151,800			151,800				151,800
<i>Various Roads</i>	<i>1,524,264</i>		<i>774,264</i>		<i>275,000</i>	<i>200,000</i>	<i>275,000</i>	<i>1,524,264</i>
SUBTOTAL STREETS AND ROADS	6,057,120	0	824,264	1,626,064	1,199,264	1,208,264	1,111,264	5,969,120
CIP GRAND TOTALS	28,520,358	9,861,500	1,745,071	3,151,107	1,879,880	5,065,392	2,318,715	25,214,225

YEAR 1

2018-2019

**YEAR 1 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2018-2019**

YEAR 1 CAPITAL BUDGET FUNDING CATEGORIES	CAPITAL BUDGET FUNDING SOURCES												
	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS =====>	9,630,000	61,906	398,905	0	722,122	0	135,468	338,796	431,640	0	628,495	12,139	12,359,471
TOWN ADMINISTRATION													
Town Administration	0	43,558	0	0	0	0	30,000	0	0	0	0	0	73,558
BOARD OF EDUCATION													
Board of Education	9,600,000	0	0	0	0	0	0	0	0	0	0	0	9,600,000
CAPITAL EQUIPMENT													
Capital Equipment	0	18,348	0	0	242,122	0	0	0	0	0	0	12,139	272,609
FIRE AND AMBULANCE													
Fire and Ambulance	30,000	0	0	0	0	0	0	0	431,640	0	20,000	0	481,640
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC FACILITIES													
Public Facilities	0	0	23,000	0	100,000	0	0	0	0	0	0	0	123,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	0	50,000	0	0	0	0	50,000
Pavement Management	0	0	0	0	380,000	0	105,468	288,796	0	0	0	0	774,264
SUMMARY PROJECT TOTALS	9,630,000	61,906	23,000	0	722,122	0	135,468	338,796	431,640	0	20,000	12,139	11,375,071
FUNDING SOURCE VARIANCES	0	0	375,905	0	0	0	0	0	0	0	608,495	0	984,400

FUNCTION FY 2018-2019 Capital Budget - Year 1	ACTIVITY Town Administration				PROGRAM Town Administration									CODE 2000-00
	Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement. List of Town Vehicles: 2018 Ford Explorer - Town Manager (3 years)** 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 Marshal 2011 Ford Explorer - Recreation 2015 Ford Explorer - Pool 2016 Mini-Van - Elderly List of Board of Education Vehicles: 2012 Ford F-150 Pickup 2015 Ford F-250 Pickup 2008 Ford E-250 Van ** These vehicles are the only ones that get replaced on a three or seven year cycle. Their replacements go into the pooled vehicles.	30,772		30,772											30,772
Plan of Conservation and Development Funding for the Planning and Zoning Commission to retain consulting services to assist with updating the Plan of Conservation and Development. Municipalities are required to update the plan every 10 years in order to remain eligible for certain State funds and grants.	30,000							30,000						30,000
TOTAL TOWN ADMINISTRATION	73,558	0	43,558	0	0	0	0	30,000	0	0	0	0	0	73,558

FUNCTION FY 2018-2019 Capital Budget - Year 1	ACTIVITY Board of Education				PROGRAM Board of Education									CODE 2010-06
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
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 two. Debt Management Plan: Year One: FY 2017/2018 - \$2,665,128 Year Two: FY 2018/2019 - \$5,421,967 Year Three: FY 2019/2020 - <u>\$1,512,905</u> Total - \$9,600,000	9,600,000	9,600,000												9,600,000
TOTAL BOARD OF EDUCATION	9,600,000	9,600,000	0	0	0	0	0	0	0	0	0	0	0	9,600,000

FUNCTION FY 2018-2019 Capital Budget - Year 1	ACTIVITY Capital Equipment	PROGRAM Capital Equipment												CODE 2020-00	
		Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds
Capital Equipment		242,122					242,122								242,122
Replacement of Truck #30 (\$169,122) This vehicle is used as a front line vehicle for snow removal operations as well as being used on a daily basis during the construction season. The current vehicle is a 1993 mack truck that has 44,392 miles and 7,071 hours on it. Due to extensive corrosion on the frame the truck did not pas CT DOT inspection and has been deemed not fit for road use. This vehicle is considered to be in poor condition.															
Replacement of Toro Mower (Parks) (\$62,500) This piece of equipment is used on a daily basis for the cutting of our municipal and Board of Education fields as well as for fall leaf collection. The current mower is a 2003 Toro 4000 with a 60" cutting path. It has approximately 2,700 hours on the unit. The engine is showing signs of wear causing it to become more difficult to start, especially in colder weather. It is considered to be in fair to poor condition.															
Replacement of Truck #8 (\$10,500) This is a 2005 F-350 truck with a utility body on it for our Mechanics to use for road calls and for delivery and retrieval of repaired parts. The current utility body has several areas of rust which have compromised the security and protection from the elements for the tools and equipment housed inside. We are requesting to purchase a new utility body for the current cab and chassis. The truck is in good shape while the body is in poor condition.															
60" Exmark (Parks) This 60" cut Z Turn mower will replace our current mower that is a 1990 model that has 1,982 hours on it. These mowers are used on rough terrains as well as being exposed to harsh weather such as extreme heat and rain. This unit is our primary mower for the Town Cemeteries. This mower is in need of a new mowing deck and is considered in poor condition. To be funded out of the Cemetery Fund which currently has a balance of \$213,036.		12,139												12,139	12,139
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.		18,348		18,348											18,348
List of Public Works Vehicles: 2013 F-250 Pickup Truck - Highway 2018 F-250 Pickup Truck - Parks 2015 F-350 Truck - Public Works Supervisor															
TOTAL CAPITAL EQUIPMENT		272,609	0	18,348	0	0	242,122	0	0	0	0	0	0	12,139	272,609

FUNCTION FY 2018-2019 Capital Budget - Year 1	ACTIVITY Fire and Ambulance										PROGRAM Fire and Ambulance				CODE 2030-00
	Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
Replacement of Two Thermal Imagers Thermal Imaging cameras render infrared radiation as visible light allowing firefighters to see areas of heat through smoke, darkness or heat-permeable barriers. Each of the Department's engines is equipped with this tool. The original cameras were purchased in 1998 as a result of a community-wide fundraising event. Approximately five years ago an additional two units were purchased. Two of the older units are nearing the end of their service life and need to be upgraded this year. Four additional units will need replacing in future years. These cameras are vital tools in locating hot spots in a variety of firefighting applications.	20,000											20,000		20,000	
Self-Contained-Breathing-Apparatus (SCBA) In 2004 the department replaced our Self-Contained-Breathing-Apparatus (SCBA). Our inventory has been in service for 11 years. We are on the last hydrostatic certification cycle for the air cylinders that accompany the SCBA harness. These cylinders contain the air that is supplied to the firefighters face mask. Replacing just the cylinders is approximately \$108,000. 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 will be applying for a Federal Grant for the majority of the cost. The General Fund Contribution will be used for the required match or increase the amount that is not approved to purchase the cylinders. ***Should the Grant not be received by FY 2020/2021, then \$130,000 will be required for SCBA replacement bottles.	461,640	30,000								431,640				461,640	
TOTAL FIRE AND AMBULANCE	481,640	30,000	0	0	0	0	0	0	0	431,640	0	20,000	0	481,640	

FUNCTION FY 2018-2019 Capital Budget - Year 1	ACTIVITY Parks and Recreation		PROGRAM Parks and Recreation										CODE 2040-00	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/	
NO NEW FY 2018-2019 PROJECTS FOR PARKS AND RECREATION														
TOTAL PARKS AND RECREATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FUNCTION FY 2018-2019 Capital Budget - Year 1	ACTIVITY Public Facilities				PROGRAM Public Facilities									CODE 2050-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Municipal Center Pedestrian Pathway Design and construction of an ADA-accessible pedestrian pathway to connect the Hicks Memorial Municipal Center and Library with the Tolland Intermediate School, Recreation Center and Parker Place. The town has applied for a grant to fund construction, but grants have not yet been awarded.	140,041			23,000										23,000
Replacement of Salt Shed Tarp The existing cover on the salt shed is approximately 13 years old and is showing signs of deterioration. The cover has some tears and seams that are beginning to pull apart. This is a crucial component to protecting our winter road salt. It is strongly recommended that this tarp be replaced as soon as possible.	100,000					100,000								100,000
TOTAL PUBLIC FACILITIES	240,041	0	0	23,000	0	100,000	0	0	0	0	0	0	0	123,000

FUNCTION FY 2018-2019 Capital Budget - Year 1	ACTIVITY Streets and Roads											PROGRAM Construction and Reconstruction	CODE 2060-00	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Drainage Construction and Design Funds for drainage and detention basin replacement, repairs and improvements to all or portions of certain town roads identified by the pavement management system. This account will be used for funding the cleaning and maintenance of our detention basins.	50,000							50,000						50,000
TOTAL CONSTRUCTION	50,000	0	0	0	0	0	0	0	50,000	0	0	0	0	50,000

FUNCTION FY 2018-2019 Capital Budget - Year 1	ACTIVITY Streets and Roads										PROGRAM Pavement Management			CODE 2060-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
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.	774,264					380,000		105,468	288,796					774,264
TOTAL PAVEMENT MANAGEMENT	774,264	0	0	0	0	380,000	0	105,468	288,796	0	0	0	0	774,264

YEAR 2
2019-2020

**YEAR 2 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2019-2020**

YEAR 2 CAPITAL BUDGET FUNDING CATEGORIES	CAPITAL BUDGET FUNDING SOURCES												
	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS =====>	9,640,500	237,602	345,905	40,000	976,800	1,000,000	135,468	338,796	117,041	0	783,495	70,400	13,686,007
TOWN ADMINISTRATION													
Town Administration	0	158,502	0	0	0	0	0	0	0	0	0	0	158,502
BOARD OF EDUCATION													
Board of Education	9,600,000	0	0	0	0	0	0	0	0	0	0	0	9,600,000
CAPITAL EQUIPMENT													
Capital Equipment	0	52,700	0	0	175,000	0	0	0	0	0	0	70,400	298,100
FIRE AND AMBULANCE													
Fire and Ambulance	17,500	0	0	0	650,000	0	0	0	0	0	235,000	0	902,500
PARKS AND RECREATION													
Parks and Recreation	0	0	0	40,000	0	0	0	0	0	0	0	0	40,000
PUBLIC FACILITIES													
Public Facilities	23,000	26,400	0	0	0	0	0	0	117,041	0	0	0	166,441
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	135,468	338,796	0	0	0	0	474,264
Pavement Management	0	0	0	0	151,800	1,000,000	0	0	0	0	0	0	1,151,800
SUMMARY PROJECT TOTALS	9,640,500	237,602	0	40,000	976,800	1,000,000	135,468	338,796	117,041	0	235,000	70,400	12,791,607
FUNDING SOURCE VARIANCES	0	0	345,905	0	0	0	0	0	0	0	548,495	0	894,400

FUNCTION FY 2019-2020 Capital Budget - Year 2	ACTIVITY Board of Education										PROGRAM Board of Education				CODE 2010-06
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES												Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds		
School Projects Bond referendum was approved 11/2016. Bond referendum for school projects over three years pursuant to the Town's Debt Management Plan. The debt will be issued each year as follows. This is year three. Debt Management Plan: Year One: FY 2017/2018 - \$2,665,128 Year Two: FY 2018/2019 - \$5,421,967 Year Three: FY 2019/2020 - <u>\$1,512,905</u> Total - \$9,600,000	9,600,000	9,600,000												9,600,000	
TOTAL BOARD OF EDUCATION	9,600,000	9,600,000	0	0	0	0	0	0	0	0	0	0	0	9,600,000	

FUNCTION FY 2019-2020 Capital Budget - Year 2	ACTIVITY Capital Equipment	PROGRAM Capital Equipment	CAPITAL BUDGET FUNDING SOURCES											CODE 2020-00		
			Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants		School Const Grant	Ambul Reserve
			Replacement of Truck #29 This truck is a 1990 Mack with 194,300 miles on it. This vehicle was inspected this fall and we were informed that this would be the last year that it will be CT DOT certified. The ruck frame has many areas of concern due to excessive rusting from the road salt. Because of this, we have ranked this vehicle in poor condition.	175,000											175,000	175,000
			Replacment of Truck #81 (Parks) This vehicle is used as a transport vehicle for snow removal operations and equipment. During the regular season it is primarily used for prepping the ball fields. The current vehicle is a 2007 Ford F-250 that has 108,676 miles on it. Due to the high mileage and body conditions, this vehicle is rated as being in poor condition.	32,000		32,000										32,000
			Mini Excavator (Parks) This piece of equipment is used primarily for the excavation of graves within the Town's Cemeteries. Due to the rocky environment that is typically encountered while digging, the use of a machine mounted hammer is required. This lends to the abuse that is experienced by this machine. We are looking to replace our current 2007 Kubota with 3,205 hours on it. The Kubota is rated as being in fair condition. To be funded out of the Cemetery Fund which has an estimated balance of \$230,897.	70,400											70,400	70,400
			Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	20,700		20,700										20,700
			List of Public Works Vehicles: 2013 F-250 Pickup Truck - Highway 2018 F-250 Pickup Truck - Parks (to be transferred to replace Truck #56) 2015 F-350 Truck - Public Works Supervisor													
TOTAL CAPITAL EQUIPMENT				298,100	0	52,700	0	0	175,000	0	0	0	0	0	70,400	298,100

FUNCTION FY 2019-2020 Capital Budget - Year 2	ACTIVITY Fire and Ambulance				PROGRAM Fire and Ambulance									CODE 2030-00
	Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/Appr Bonds
<p>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.</p> <p>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.</p>	35,000	17,500										17,500		35,000
<p>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.</p>	87,500											87,500		87,500
<p>Refurbishment of ET-140 Engine Tank 140 is a Pierce Engine which was purchased in 2000 with an expectation to last 20 years. With the upkeep and current conditions the department has outlined in previous budgets to refurbish this apparatus similar to the other three fire apparatus' we have refurbished. The department is confident that a refurbishment can extend the useful life of this apparatus an additional 10 years.</p>	130,000											130,000		130,000
<p>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.</p> <p>At this time, we feel that it is in the best interest of the community to replace Rescue 240. Rescue 240 went into service in 2002. Unfortunately, Rescue 240 requires more maintenance than is desirable and normal for the age of the vehicle. There have been several engineering and design improvements that have become available to our industry since the current truck was specified and ordered in 2001. Replacement of Rescue 240 will ensure that our Rescue Company has a safe and reliable vehicle to operate while improving upon our technical and operational capabilities.</p>	650,000					650,000								650,000
TOTAL FIRE AND AMBULANCE	902,500	17,500	0	0	0	650,000	0	0	0	0	0	235,000	0	902,500

FUNCTION FY 2019-2020 Capital Budget - Year 2	ACTIVITY Parks and Recreation				PROGRAM Parks and Recreation									CODE 2040-00	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES													Funding Totals
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOICIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds		
<p>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 in past years. 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).</p> <p>Playground Structure: \$15,000 Preparation and Installation: \$13,000 Playground Fibers (safety fibers): \$2,000 Fencing: \$10,000</p>	40,000				40,000										40,000
TOTAL PARKS AND RECREATION	40,000	0	0	0	40,000	0	0	0	0	0	0	0	0	40,000	

FUNCTION FY 2019-2020 Capital Budget - Year 2	ACTIVITY Public Facilities		PROGRAM Public Facilities											CODE 2050-00	
	Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/Appr Bonds	Funding Totals
Repainting of the Arts Building This building is located on the Town Green and is used frequently. The building has a wooden clapboard siding and wood trim. The entire building, windows included, needs to be scraped, caulked, replacement of any deteriorated wood, primed and then painted. The last time this was addressed was approximately 10-12 years ago.	26,400		26,400												26,400
Municipal Center Pedestrian Pathway Design and construction of an ADA-accessible pedestrian pathway to connect the Hicks Memorial Municipal Center and Library with the Tolland Intermediate School, Recreation Center and Parker Place. The town has applied for a grant to fund construction, but grants have not yet been awarded.	140,041	23,000								117,041					140,041
TOTAL PUBLIC FACILITIES	166,441	23,000	26,400	0	0	0	0	0	0	117,041	0	0	0	166,441	

FUNCTION FY 2019-2020 Capital Budget - Year 2	ACTIVITY Streets and Roads										PROGRAM Construction and Reconstruction				CODE 2060-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals		
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds		
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.	155,264							135,468	19,796					155,264	
Plains Road Culvert Major repairs have been identified and need to be made to the culvert on Plains Road near the Girl Scout Camp. While the three, 60" concrete pipes are in good shape, the joints within them need to be cleaned out and regouted. Both of the head walls need to be replaced with further reaching concrete walls which will contain more reinforcement rebar within them.	319,000								319,000					319,000	
TOTAL CONSTRUCTION	474,264	0	0	0	0	0	0	135,468	338,796	0	0	0	0	474,264	

FUNCTION FY 2019-2020 Capital Budget - Year 2		ACTIVITY Streets and Roads	PROGRAM Pavement Management										CODE 2060-00	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES										Funding Totals		
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Road Improvements Bond referendum for road improvements over six years pursuant to the Town's Debt Management Plan. (Referendum, November 2018) Debt Management Plan: Year One: FY 2019/2020 - \$1,000,000 Year Two: FY 2020/2021 - \$725,000 Year Three: FY 2021/2022 - \$800,000 Year Four: FY 2022/2023 - \$725,000 Year Five: FY 2023/2024 - \$750,000 Year Six: FY 2024/2025 - \$1,000,000	5,000,000						1,000,000							1,000,000
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	5,151,800	0	0	0	0	151,800	1,000,000	0	0	0	0	0	0	1,151,800

YEAR 3

2020-2021

**YEAR 3 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2020-2021**

YEAR 3 CAPITAL BUDGET FUNDING CATEGORIES	CAPITAL BUDGET FUNDING SOURCES												
	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS =====>	1,118,540	311,056	345,905	0	271,060	725,000	135,468	338,796	0	0	723,495	0	3,969,320
TOWN ADMINISTRATION													
Town Administration	118,540	278,906	0	0	0	0	0	0	0	0	0	0	397,446
BOARD OF EDUCATION													
Board of Education	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPITAL EQUIPMENT													
Capital Equipment	0	20,050	0	0	171,060	0	0	0	0	0	0	0	191,110
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	0	60,000	0	60,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC FACILITIES													
Public Facilities	0	12,100	50,000	0	100,000	0	0	0	0	0	0	0	162,100
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	0	199,264	0	0	0	0	199,264
Pavement Management	1,000,000	0	0	0	0	725,000	135,468	139,532	0	0	0	0	2,000,000
SUMMARY PROJECT TOTALS	1,118,540	311,056	50,000	0	271,060	725,000	135,468	338,796	0	0	60,000	0	3,009,920
FUNDING SOURCE VARIANCES	0	0	295,905	0	0	0	0	0	0	0	663,495	0	959,400

FUNCTION FY 2020-2021 Capital Budget - Year 3	ACTIVITY Board of Education		PROGRAM Board of Education										CODE 2010-06	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
NO NEW FY 2020-2021 PROJECTS FOR BOARD OF EDUCATION														
TOTAL BOARD OF EDUCATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FUNCTION FY 2020-2021 Capital Budget - Year 3	ACTIVITY Fire and Ambulance				PROGRAM Fire and Ambulance									CODE 2030-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Replacement of Fire Gear 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.	60,000											60,000		60,000
TOTAL FIRE AND AMBULANCE	60,000	0	0	0	0	0	0	0	0	0	0	60,000	0	60,000

FUNCTION FY 2020-2021 Capital Budget - Year 3		ACTIVITY Parks and Recreation	PROGRAM Parks and Recreation										CODE 2040-00	
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
NO NEW FY 2020-2021 PROJECTS FOR PARKS AND RECREATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL PARKS AND RECREATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FUNCTION FY 2020-2021 Capital Budget - Year 3	ACTIVITY Public Facilities				PROGRAM Public Facilities										CODE 2050-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES													Funding Totals
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds		
Replacement of 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 340 Roof Replace firehouse 340 roof with a truss style roof and also repoint the chimney.	50,000			50,000										50,000	
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	
TOTAL PUBLIC FACILITIES	162,100	0	12,100	50,000	0	100,000	0	0	0	0	0	0	0	162,100	

FUNCTION FY 2020-2021 Capital Budget - Year 3	ACTIVITY Streets and Roads				PROGRAM Construction and Reconstruction								CODE 2060-00	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Drainage Construction and Design Funds for drainage and detention basin replacement, repairs and improvements to all or portions of certain town roads identified by the pavement management system. This account will be used for funding the cleaning and maintenance of our detention basins.	199,264								199,264					199,264
TOTAL CONSTRUCTION	199,264	0	0	0	0	0	0	0	199,264	0	0	0	0	199,264

FUNCTION FY 2020-2021 Capital Budget - Year 3	ACTIVITY Streets and Roads							PROGRAM Pavement Management						CODE 2060-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
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														
TOTAL PAVEMENT MANAGEMENT	5,275,000	1,000,000	0	0	0	0	725,000	135,468	139,532	0	0	0	0	2,000,000

YEAR 4
2021-2022

**YEAR 4 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2021-2022**

YEAR 4 CAPITAL BUDGET FUNDING CATEGORIES	CAPITAL BUDGET FUNDING SOURCES												
	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS =====>	2,080,520	294,128	307,405	0	212,000	3,800,000	135,468	338,796	0	0	838,495	0	8,006,812
TOWN ADMINISTRATION													
Town Administration	355,520	274,078	0	0	0	0	0	0	0	0	0	0	629,598
BOARD OF EDUCATION													
Board of Education	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPITAL EQUIPMENT													
Capital Equipment	0	20,050	0	0	212,000	0	0	0	0	0	0	0	232,050
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	0	285,000	0	285,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC FACILITIES													
Public Facilities	0	0	0	0	0	3,000,000	66,000	0	0	0	0	0	3,066,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	0	208,264	0	0	0	0	208,264
Pavement Management	1,725,000	0	0	0	0	800,000	69,468	130,532	0	0	0	0	2,725,000
SUMMARY PROJECT TOTALS	2,080,520	294,128	0	0	212,000	3,800,000	135,468	338,796	0	0	285,000	0	7,145,912
FUNDING SOURCE VARIANCES	0	0	307,405	0	0	0	0	0	0	0	553,495	0	860,900

FUNCTION FY 2021-2022 Capital Budget - Year 4	ACTIVITY Board of Education										PROGRAM District Wide	CODE 2010-06		
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer. Notes/ Bonds	Refer Notes Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
NO NEW FY 2021-2022 PROJECTS FOR BOARD OF EDUCATION														
TOTAL BOARD OF EDUCATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FUNCTION FY 2021-2022 Capital Budget - Year 4	ACTIVITY Fire and Ambulance											PROGRAM Fire and Ambulance	CODE 2030-00	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve		Other Funding Sources/ Appr Bonds
Replacement of 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.	285,000											285,000		285,000
TOTAL FIRE AND AMBULANCE	285,000	0	0	0	0	0	0	0	0	0	0	285,000	0	285,000

FUNCTION FY 2021-2022 Capital Budget - Year 4	ACTIVITY Parks and Recreation		PROGRAM Parks and Recreation										CODE 2040-00	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
NO NEW FY 2021-2022 PROJECTS FOR PARKS AND RECREATION														
TOTAL PARKS AND RECREATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FUNCTION FY 2021-2022 Capital Budget - Year 4	ACTIVITY Public Facilities	PROGRAM Public Facilities											CODE 2050-00	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Replacement of Jail Museum Roof Re-roofing of the Jail Museum building. Due to the age of the shingles and the flat roof dictates that the existing roofing needs to be stripped, covered with Water and Ice protection and re-shingled.	66,000									66,000				66,000
Firehouse Improvement Implementation Phase During this phase the Town will secure through competitive bidding, a contractor to implement the approved improvements that have been designed for each of the three firehouses (140, 340 & 440). This will require a council approved referendum process. (Amount to be determined, estimated at \$3,000,000) (Referendum, November 2020)	3,000,000						3,000,000							3,000,000
TOTAL PUBLIC FACILITIES	3,066,000	0	0	0	0	0	3,000,000	66,000	0	0	0	0	0	3,066,000

FUNCTION FY 2021-2022 Capital Budget - Year 4		ACTIVITY Streets and Roads	PROGRAM Construction and Reconstruction											CODE 2060-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Drainage Construction and Design Funds for drainage and detention basin replacement, repairs and improvements to all or portions of certain town roads identified by the pavement management system. This account will be used for funding the cleaning and maintenance of our detention basins.	208,264								208,264					208,264
TOTAL CONSTRUCTION	208,264	0	0	0	0	0	0	0	208,264	0	0	0	0	208,264

YEAR 5

2022-2023

**YEAR 5 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2022-2023**

YEAR 5 CAPITAL BUDGET FUNDING CATEGORIES	CAPITAL BUDGET FUNDING SOURCES												
	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
PROJECTED AVAILABILITY OF CAPITAL FUNDS =====>	3,115,672	309,126	307,405	0	385,325	725,000	135,468	338,796	0	0	728,495	0	6,045,287
TOWN ADMINISTRATION													
Town Administration	590,672	288,926	0	0	0	0	0	0	0	0	0	0	879,598
BOARD OF EDUCATION													
Board of Education	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPITAL EQUIPMENT													
Capital Equipment	0	20,200	0	0	385,325	0	0	0	0	0	0	0	405,525
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	0	425,000	0	425,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC FACILITIES													
Public Facilities	0	0	0	0	0	0	88,000	0	0	0	0	0	88,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	0	0	0	111,264	0	0	0	0	111,264
Pavement Management	2,525,000	0	0	0	0	725,000	47,468	227,532	0	0	0	0	3,525,000
SUMMARY PROJECT TOTALS	3,115,672	309,126	0	0	385,325	725,000	135,468	338,796	0	0	425,000	0	5,434,387
FUNDING SOURCE VARIANCES	0	0	307,405	0	0	0	0	0	0	0	303,495	0	610,900

FUNCTION FY 2022-2023 Capital Budget - Year 5		ACTIVITY Board of Education	PROGRAM Board of Education											CODE 2010-06
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
NO NEW FY 2022-2023 PROJECTS FOR BOARD OF EDUCATION														
NOTE: It is anticipated to add this to year 5 (FY 23/24) in the FY 19/20 Capital Improvements Plan.														
Bonding Projects: BGP parking lot paving (staff, visitors, bus lane, access road), BGP boiler replacement, TMS removal of modular classrooms, TMS paving of parking lot (excluding access road and exit) and DW wireless access point upgrades. (\$1,104,560)														
(Referendum required in November 2022)														
TOTAL BOARD OF EDUCATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FUNCTION FY 2022-2023 Capital Budget - Year 5	ACTIVITY Capital Equipment				PROGRAM Capital Equipment									CODE 2020-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Capital Equipment	385,325					385,325								385,325
Front End Loader (\$251,320) This front end loader will replace our current 2002 CAT 938G that has 150,000 hours of use. We intend to utilize the State Bid for a John Deere 644 which is comparable to our CAT 938G. Our machine is our front line loader that is constantly exposed to high levels of salt from loading the vehicles during snow events. This includes "Loadrite" system for weighing the materials. We estimate this will have over 20,000 hours when it comes time to replace it. It is currently in fair condition.														
Replacement of Truck #38 (Parks) (\$81,900) This vehicle is used as a front line vehicle for snow removal operations as well as being used on a daily basis during the field maintenance season. The current vehicle is a 2004 Ford F-350 that has 64,337 miles on it. We intend to purchase a new plow and sander for this truck off of the CT State Bid.														
Replacement of Service Truck (Highway) (\$52,105) This vehicle which is used by the Mechanics has 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.														
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	20,200		20,200											20,200
List of Public Works Vehicles: 2020 F-250 Pickup Truck - Highway 2018 F-250 Pickup Truck - Parks 2022 F-350 Truck - Public Works Supervisor														
TOTAL CAPITAL EQUIPMENT	405,525	0	20,200	0	0	385,325	0	0	0	0	0	0	0	405,525

FUNCTION FY 2022-2023 Capital Budget - Year 5	ACTIVITY Fire and Ambulance	PROGRAM Fire and Ambulance											CODE 2030-00	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Refurbishment of ET-240 Engine Tank 240 is a Pierce Engine which was purchased in 2005 with an expectation to last 20 years. With the upkeep and current conditions the department has outlined in previous budgets to refurbish this apparatus similar to the other three fire apparatus' we have refurbished. The department is confident that a refurbishment can extend the useful life of this apparatus an additional 10 years.	140,000											140,000		140,000
Replacement of Ambulance 540 Standard 5 year replacement program. The department currently has two ambulances. One is located at Station 140, 64 Crystal Lake Road and the other is located at Station 240, 3 Rhodes Road. Each ambulance geographically covers one half of the town. All new equipment needs to be purchased at the same time for example, stretchers, radios, AEDs and ePCR laptops. The capital replacement cost takes those expenses into consideration.	285,000											285,000		285,000
TOTAL FIRE AND AMBULANCE	425,000	0	0	0	0	0	0	0	0	0	0	425,000	0	425,000

FUNCTION FY 2022-2023 Capital Budget - Year 5	ACTIVITY Parks and Recreation	PROGRAM Parks and Recreation											CODE 2040-00	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOICIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/	
NO NEW FY 2022-2023 PROJECTS FOR PARKS AND RECREATION														
TOTAL PARKS AND RECREATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FUNCTION FY 2022-2023 Capital Budget - Year 5	ACTIVITY Public Facilities				PROGRAM Public Facilities									CODE 2050-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Pole Sheds for Highway Garage There are currently eight to ten pieces of equipment being stored outside in the elements due to a lack of room inside the facility. These two pole sheds will be utilized as "cold" storage to keep these vehicles out of the harsh environment that tends to shorten their useful lives.	88,000						88,000							88,000
TOTAL PUBLIC FACILITIES	88,000	0	0	0	0	0	0	88,000	0	0	0	0	0	88,000

FUNCTION FY 2022-2023 Capital Budget - Year 5	ACTIVITY Streets and Roads				PROGRAM Construction and Reconstruction									CODE 2060-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Drainage Construction and Design Funds for drainage and detention basin replacement, repairs and improvements to all or portions of certain town roads identified by the pavement management system. This account will be used for funding the cleaning and maintenance of our detention basins.	111,264								111,264					111,264
TOTAL CONSTRUCTION	111,264	0	0	0	0	0	0	0	111,264	0	0	0	0	111,264

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

Debt Management Plan Summary

- Proposed CIP totals \$22,600,000 over five years including existing and proposed projects.
- Plan proposes 3 bond issues and 3 BAN issues over the next 5 years, with Bonds & BANs issued in May 2018.
- Town's current debt budget is \$4,550,000.
- *Town can keep debt service budgeted at \$4,550,000 and issue the \$22,600,000 CIP.*
- *How is this possible?*
 - Existing debt service decreases about \$400,000 in FY 2019 and about \$360,000 in FY 2020.
 - This decrease in existing debt mitigates the proposed new debt.
 - For the proposed new Bond issues we amortize *over 25 years* (new state law allows for up to 30 years).
 - We also *skip the first principal* payment for each bond issue – then use level principal for remaining schedule.
 - Existing and proposed debt service will exceed \$4,550,000 per year but the debt service fund will mitigate the increase so Town can keep debt budgeted at \$4,550,000.
 - The proposed Bond & BAN premiums will add to the Debt Service Fund to keep it positive.

Conclusion: Town can adopt the \$22,600,000 CIP and keep debt service budgeted at \$4,550,000 for the next 5 years. Town budget will likely increase each year so debt service as a percentage of budget will decrease.

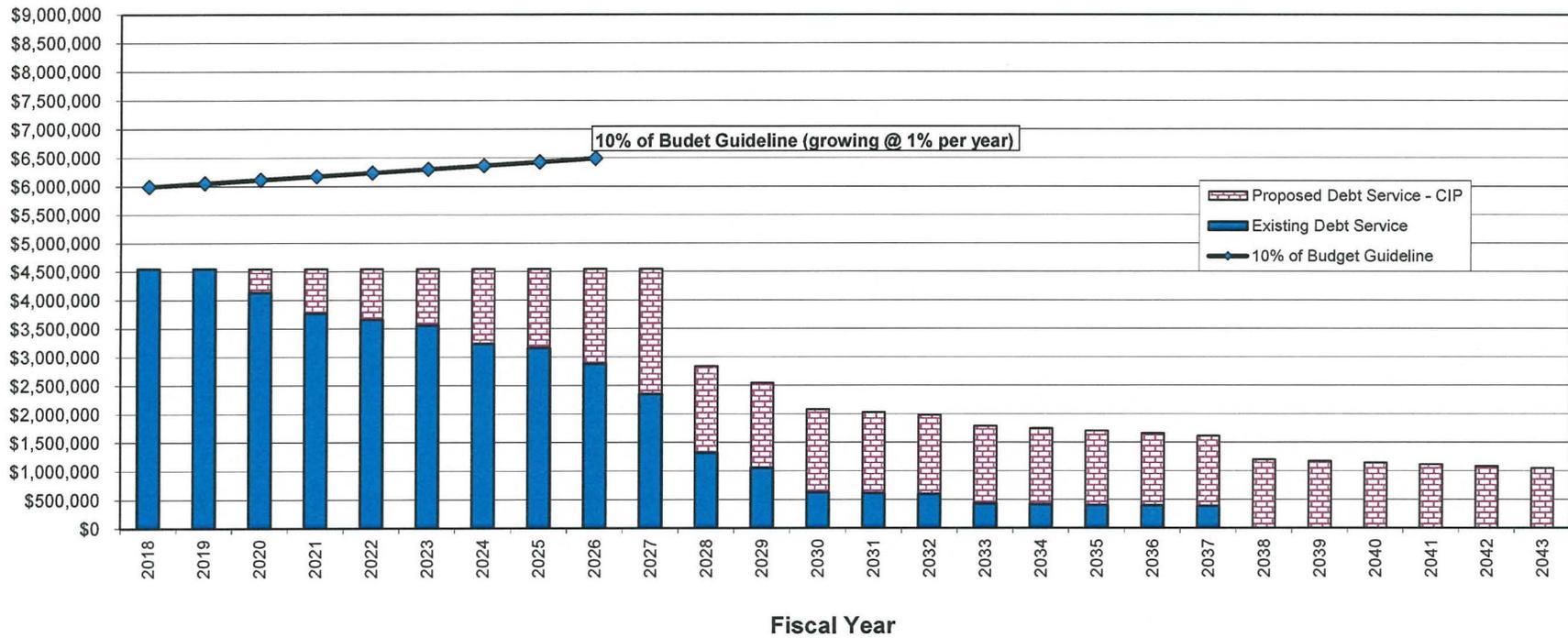
Prepared By:

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Managing Director

Phoenix Advisors, LLC

Town of Tolland, Connecticut
Existing & Proposed Debt Service compared to 10% of Budget
CIP Totals \$22,600,000 - Scenario #1



Town of Tolland, Connecticut
 Five Year Capital Improvement Plan
 Debt Issuance Assumptions
 November 2017 - Scenario #1

	Remaining Authorized But Not Issued	Capital Needs From CIP	Total Needs
Year 1 - FY 2018-19	\$ 11,528,688	722,122	\$ 12,250,810
Year 2 - FY 2019-20	2,053,751	1,976,800	4,030,551
Year 3 - FY 2020-21	0	996,060	996,060
Year 4 - FY 2021-22	0	4,012,000	4,012,000
Year 5 - FY 2022-23	203,827	1,110,325	1,314,152
	\$ 13,786,266	\$ 8,817,307	\$ 22,603,573

	Amount Issued	
YEAR 1	\$ 8,600,000	Issue Bonds & \$3,650,000 BANs
YEAR 2	7,000,000	Issue BANs
YEAR 3	7,000,000	Issue Bonds
YEAR 4	5,000,000	Issue BANs
YEAR 5	7,000,000	Issue Bonds
	\$ 22,600,000	Total amount permanently financed

Town of Tolland, Connecticut
Existing & Proposed Debt Service
November 2017 - Scenario #1

Proposed Debt Service ==>

General Fund Only Debt Service

Fiscal Year	Existing General Fund Principal	Existing GF Interest	TOTAL General Fund Debt (excludes Sewer Assessment Debt & 2013 Energy Lease)	Annual Change in Existing Debt Service	\$4,810,000 BANs to Mature 6/24/2018 Interest	\$9,600,000 Bond Issue Dated May 2018 Term: 25 Years Rate: 3.18%			\$3,650,000 BANs Dated: 6/19 Due: 6/19 Interest	\$7,000,000 BANs Dated: 6/19 Due: 6/20 Interest	\$7,000,000 Bond Issue Dated May 2020 Term: 20 Years Rate: 3.20%			\$7,000,000 BANs Dated: 6/21 Due: 6/22 Interest	\$7,000,000 Bonds Dated May 2022 Term: 25 Years Rate: 3.25%			Total Proposed Principal	Total Proposed Interest	Total Proposed Debt Service (CIP)	Projected Bond & BAN Premiums	Existing Plus Proposed DS & Contribution	Amount Budgeted for Debt Service	Annual \$ Change of Budget	Budget vs. actual Contribution/use Debt Svc Fund	Debt Service Fund - Balance	Annual \$ Change of Existing Plus Proposed Debt Service	Annual % Change of Existing Plus Proposed Debt Service	Mill Rate to pay Debt Service	Estimated Full Value	G.F. Bonded Debt as a % of Full Market Value	General Fund Expenditures (GAAP Basis)	General Fund debt service as a % of General Fund expenditures	
						Principal	Interest	Total			Principal	Interest	Total		Principal	Interest	Total																	Principal
2018	3,568,567	1,007,190	4,575,757	(120,403)	70,814	-	-	-	-	-	-	-	-	-	-	-	-	70,814	70,814	200,000	4,646,571	4,550,000	0	(96,571)	501,417	(49,569)	-1.06%	3.57	1,822,976,596	1.74%	59,915,959	7.76%		
2019	3,235,247	899,292	4,134,539	(441,218)	-	-	270,900	270,900	73,000	-	-	-	-	-	-	-	-	343,900	343,900	50,000	4,478,439	4,550,000	0	71,561	622,878	(168,132)	-3.62%	3.54	1,836,648,520	2.03%	60,515,149	7.40%		
2020	2,980,737	790,816	3,771,553	(362,985)	-	360,000	270,900	630,900	-	175,000	-	-	-	-	-	-	-	360,000	445,900	805,900	4,577,453	4,550,000	0	(27,453)	770,526	99,014	2.21%	3.51	1,850,423,787	2.45%	61,120,300	7.46%		
2021	2,975,737	684,674	3,660,411	(111,142)	-	360,000	259,560	619,560	-	-	224,000	224,000	140,000	-	-	-	-	360,000	623,560	983,560	4,643,971	4,550,000	0	(93,971)	726,555	66,518	1.45%	3.49	1,864,301,966	2.47%	61,731,503	7.52%		
2022	2,992,047	569,457	3,561,503	(96,907)	-	360,000	248,220	608,220	-	-	295,000	224,000	519,000	-	-	-	-	655,000	472,220	1,127,220	4,688,723	4,550,000	0	(138,723)	762,832	44,753	0.96%	3.46	1,878,284,231	2.28%	62,348,818	7.52%		
2023	2,785,667	453,671	3,240,338	(321,166)	-	360,000	236,890	596,890	-	-	295,000	214,500	509,500	-	-	-	-	655,000	678,940	1,333,940	4,574,278	4,550,000	0	(24,278)	738,554	(114,446)	-2.44%	3.43	1,892,371,362	2.07%	62,972,306	7.26%		
2024	2,811,667	350,032	3,161,699	(78,639)	-	360,000	225,540	585,540	-	-	295,000	205,120	500,120	-	-	-	-	650,000	658,180	1,308,180	4,769,859	4,550,000	0	(219,859)	518,695	195,501	4.23%	3.41	1,906,564,147	1.87%	63,602,029	7.50%		
2025	2,621,667	263,012	2,884,679	(277,020)	-	360,000	214,200	574,200	-	-	295,000	186,860	481,860	-	-	-	-	650,000	627,793	1,277,793	4,462,471	4,550,000	0	87,529	606,224	(307,387)	-6.44%	3.38	1,920,863,379	1.65%	64,238,050	6.95%		
2026	2,161,667	194,289	2,355,956	(528,723)	-	360,000	202,860	562,860	-	-	295,000	166,240	461,240	-	-	-	-	650,000	597,425	1,247,425	3,903,381	4,550,000	0	649,618	559,091	(559,091)	-12.53%	3.36	1,935,269,854	1.46%	64,880,430	6.02%		
2027	1,170,000	147,800	1,317,800	(1,036,156)	-	360,000	191,520	551,520	-	-	295,000	176,800	471,800	-	-	-	-	650,000	567,058	1,217,058	2,834,858	4,550,000	0	1,282,858	567,058	(1,068,523)	-27.37%	3.33	1,949,784,378	1.29%	65,529,234	4.33%		
2028	940,000	119,125	1,059,125	(258,675)	-	360,000	180,180	540,180	-	-	295,000	167,360	462,360	-	-	-	-	650,000	536,690	1,186,690	2,545,815	4,550,000	0	1,089,815	536,690	(289,043)	-10.20%	3.31	1,964,407,761	1.18%	66,184,527	3.85%		
2029	530,000	98,950	628,950	(430,175)	-	360,000	169,840	529,840	-	-	295,000	157,620	452,620	-	-	-	-	650,000	506,323	1,156,323	2,085,273	4,550,000	0	1,629,273	506,323	(490,543)	-18.09%	3.28	1,979,140,919	1.07%	66,846,372	3.12%		
2030	530,000	82,913	612,913	(116,038)	-	360,000	157,500	517,500	-	-	290,000	146,460	436,460	-	-	-	-	650,000	475,955	1,125,955	1,420,855	4,550,000	0	2,033,855	475,955	(51,405)	-2.47%	3.25	1,993,984,375	0.99%	67,514,836	3.01%		
2031	530,000	65,700	595,700	(17,213)	-	360,000	146,160	506,160	-	-	290,000	139,200	429,200	-	-	-	-	645,000	445,748	1,090,748	1,390,748	4,550,000	0	1,855,748	445,748	(47,420)	-2.33%	3.24	2,008,939,258	0.91%	68,189,954	2.91%		
2032	380,000	51,300	431,300	(184,400)	-	360,000	134,820	494,820	-	-	290,000	129,620	419,620	-	-	-	-	640,000	415,540	1,055,540	1,355,540	4,550,000	0	1,786,540	415,540	(199,608)	-10.05%	3.21	2,024,006,302	0.83%	68,871,884	2.59%		
2033	380,000	39,900	419,900	(11,400)	-	360,000	123,480	483,480	-	-	290,000	120,640	410,640	-	-	-	-	640,000	385,495	1,025,495	1,325,495	4,550,000	0	1,745,495	385,495	(41,445)	-2.32%	3.19	2,039,186,350	0.76%	69,560,603	2.51%		
2034	380,000	28,500	408,500	(11,400)	-	360,000	112,140	472,140	-	-	290,000	111,360	401,360	-	-	-	-	640,000	355,450	1,005,450	1,295,450	4,550,000	0	1,703,450	355,450	(41,445)	-2.37%	3.16	2,054,480,247	0.69%	70,256,209	2.43%		
2035	380,000	17,100	397,100	(11,400)	-	360,000	100,800	460,800	-	-	290,000	102,080	392,080	-	-	-	-	640,000	325,405	965,405	1,125,405	4,550,000	0	1,662,405	325,405	(41,445)	-2.43%	3.14	2,069,888,649	0.62%	70,958,771	2.34%		
2036	380,000	5,700	385,700	(11,400)	-	355,000	89,460	444,460	-	-	290,000	92,800	382,800	-	-	-	-	635,000	295,360	930,360	1,131,360	4,550,000	0	1,616,000	295,360	(46,445)	-2.79%	3.12	2,085,413,015	0.55%	71,668,359	2.25%		
2037	-	-	-	(385,700)	-	355,000	78,278	433,278	-	-	290,000	83,520	373,520	-	-	-	-	630,000	265,473	925,473	1,200,473	4,550,000	0	1,200,473	265,473	(415,588)	-26.72%	3.09	2,101,053,613	0.49%	72,385,042	1.66%		
2038	-	-	-	-	-	355,000	67,095	422,095	-	-	290,000	74,240	364,240	-	-	-	-	630,000	235,585	915,585	1,170,585	4,550,000	0	1,170,585	235,585	(29,888)	-2.49%	3.07	2,116,811,515	0.44%	73,108,893	1.60%		
2039	-	-	-	-	-	355,000	55,913	410,913	-	-	290,000	64,825	354,825	-	-	-	-	630,000	205,698	905,698	1,140,698	4,550,000	0	1,140,698	205,698	(29,888)	-2.55%	3.05	2,132,687,901	0.39%	73,839,862	1.54%		
2040	-	-	-	-	-	355,000	44,730	399,730	-	-	290,000	55,680	345,680	-	-	-	-	630,000	175,810	895,810	1,110,810	4,550,000	0	1,110,810	175,810	(29,888)	-2.63%	3.03	2,148,682,758	0.34%	74,578,381	1.48%		
2041	-	-	-	-	-	355,000	33,548	388,548	-	-	290,000	46,400	336,400	-	-	-	-	630,000	145,923	885,923	1,080,923	4,550,000	0	1,080,923	145,923	(29,888)	-2.69%	3.00	2,164,797,879	0.30%	75,324,165	1.44%		
2042	-	-	-	-	-	355,000	22,365	377,365	-	-	290,000	37,120	327,120	-	-	-	-	630,000	116,035	866,035	1,051,035	4,550,000	0	1,051,035	116,035	(29,888)	-2.76%	2.98	2,181,033,863	0.25%	76,077,407	1.38%		
2043	-	-	-	-	-	355,000	11,183	366,183	-	-	290,000	27,840	317,840	-	-	-	-	630,000	86,148	846,148	1,021,148	4,550,000	0	1,021,148	86,148	(29,888)	-2.84%	-	-	0.00%	76,838,181	1.33%		
2044	-	-	-	-	-	-	-	-	-	-	290,000	18,500	308,500	-	-	-	-	630,000	56,260	836,260	980,260	4,550,000	0	636,260	56,260	-	-	-	-	-	-	-	-	-
2045	-	-	-	-	-	-	-	-	-	-	290,000	9,260	299,260	-	-	-	-	630,000	28,275	318,275	590,275	4,550,000	0	617,555	28,275	-	-	-	-	-	-	-	-	-
2046	-	-	-	-	-	-	-	-	-	-	290,000	18,850	308,850	-	-	-	-	630,000	18,850	308,850	290,000	4,550,000	0	308,850	18,850	-	-	-	-	-	-	-	-	-
2047	-	-	-	-	-	-	-	-	-	-	290,000	9,425	299,425	-	-	-	-	630,000	9,425	299,425	290,000	4,550,000	0	290,000	9,425	-	-	-	-	-	-	-	-	-
Total	31,734,000	5,899,421	37,633,421			8,600,000	3,647,070	12,247,070	73,000	175,000	7,000,000	3,013,760	10,013,760	140,000	7,000,000	3,060,850	10,060,850	22,600,000	10,180,494	32,780,494	650,000	70,084,490												

100.75% 101.00%

Equipment Aging Schedule for Units Assigned to Parks & Facilities Garage

2018/2019 proposed 5 year CIP

updated as of 11/2017

Vehicle/Equip #	Description	Year	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 23/24	FY 25/26	FY 26/27	FY 27/28	
Trucks:													
63 TOL	GMC 3500	1999	19	20	21	22	23	24	25	26	27	28	
37 TOL	GMC 3500	2003	15	16	17	18	19	20		22	23	24	
38 TOL	Ford F550	2004	14	15	16	17	new						
56 TOL	Ford F250	2006	Replacing with Truck #56		9	10	11	12	13	14	15	16	
53 TOL	Ford F450	2007	11	12	13	14	15	16	17	18	19	20	
81 TOL	Ford F250	2007	11	new									
68 TOL	Ford F550	2007	11	12	13	14	15	16	17	18	19	20	
75 TOL	3/4 Ton Van	2008	10	11	12	13	14	15	16	17	18	19	
55 TOL	Ford F450	2011	8	9	10	11	12	13	14	15	16	17	
3 TOL	Ford F250	2012	new	(this will replace Truck #56)									
61 TOL	Ford F250 (mechanics truck)	2013	6	7	8	9	10	11	12	13	14	15	
50 TOL	Ford F550	2015	4	5	6	7	8	9	10	11	12	13	
80 TOL	Ford F550	2016	2	3	4	5	6	7	8	9	10	11	
39 TOL	??												
Scheduled Replacements:													
3 TOL	Ford F250	2018	new	1	2	3	4	5	6	7	8	9	
81 TOL	Ford F250	2019		new	1	2	3	4	5	6	7	8	
38 TOL	Ford F550	2020					new	1	2	3	4	5	
Equipment:													
	Ford Tractor	1970	38	39	40	41	42	43	44	45	46	47	
	Sweepstar	1991	27	28	29	30	31	32	33	34	35	36	
	Easy Rake	1998	20	21	22	23	24	25	26	27	28	29	
	Lazer Lawnmower	1999	new										
	Gravely Snow Blower	1999	19	20	21	22	23	24	25	26	27	28	
	Gravely Snow Blower	1999	19	20	21	22	23	24	25	26	27	28	
	John Deere Tractor	2001	17	18	19	20	21	22	23	24	25	26	
	Easy Rake	2001	17	18	19	20	21	22	23	24	25	26	
	Skidsteer New Holland180	2002	16	17	new								
	4000 Lawnmower	2003	new										
	Easy Rake	2005	14	15	16	17	18	19	20	21	22	23	
	Lazer Lawnmower	2005	14	15	16	17	18	19	20	21	22	23	
	Gravely Snow Blower	2005	14	15	16	17	18	19	20	21	22	23	
	Cat Loader	2006	13	14	15	16	17	18	19	20	21	22	
	Gravely Snow Blower	2007	12	13	14	15	16	17	18	19	20	21	
	Lazer Lawnmower	2007	12	13	14	15	16	17	18	19	20	21	
	Kubota tractor	2007		new									
	4000 Lawnmower	2007	12	13	14	15	16	17	18	19	20	21	
	Line Painter	2008											
	Skidsteer New Holland 170	2011	8	9	10	11	12	13	14	15	16	17	
	580 Mower #1	2010	8	9	10	11	12	13	14	15	16	17	
	Ventrix mower/thrower	2013	7	8	9	10	11	12	13	14	15	16	
	ExMark Lazer Lawnmower	2014	5	6	7	8	9	10	11	12	13	14	
	ExMark Lazer Lawnmower	2014	5	6	7	8	9	10	11	12	13	14	
	ExMark Lazer Lawnmower	2014	5	6	7	8	9	10	11	12	13	14	
	ExMark Lazer Lawnmower	2014	5	6	7	8	9	10	11	12	13	14	
	Easy Rake/Smithco Groomer	2015	3	4	5	6	7	8	9	10	11	12	
	Line Painter	2017	1	2	3	4	5	6	7	8	9	10	
Scheduled Replacements:													
	Toro Mower	2018	new	1	2	3	4	5	6	7	8	9	
	60" Exmark Mower	2018	new	1	2	3	4	5	6	7	8	9	
	Mini Excavator	2019		new	1	2	3	4	5	6	7	8	
	Skidsteer New Holland180	2020			new	1	2	3	4	5	6	7	
				recommended end of service					3 years past recommended end of service				
				1 year past recommended end of service					4+ years recommended end of service				
				2 years past recommended end of service					scheduled for replacement				

Equipment Aging Schedule for Units Assigned to Highway Garage

2018/2019 proposed 5 year CIP

updated as of 11/2017

Vehicle/Eqp #	Description	Year	FY 18/19	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
Trucks:												
29 TOL	Mack Dump	1991	27	new								
30 TOL	Mack Dump	1993	new									
12 TOL	International 4700 (Tree Truck)	2000	18	19	20	21	22	23	24	25	26	27
64 TOL	Ford F250	2002	16	17	18	new						
35 TOL	Western Star Dump	2002	16	17	18	new						
8 TOL	Ford Utility	2003	refurbishing- new bed									
9 TOL	Ford F150	2003	15	16	new							
23 TOL	Mack 10 Wheel (refurbished 2015)	2004	14	15	16	17	18	19	20	21	22	23
33 TOL	Mack Dump	2005	14	refurbishing								
10 TOL	Ford F250 P/U	2006	12	13	14	15	15	16	17	18	19	20
25 TOL	Ford D-550 Dump	2007	11	12	13	14	15	15	16	17	18	19
14 TOL	GMC 7500	2008	10	11	12	13	14	15	15	16	17	18
21 TOL	Mack Dump	2008	10	11	12	13	14	15	15	16	17	18
27 TOL	International 7400	2008	10	11	12	13	14	15	15	16	17	18
31 TOL	International 7400	2009	9	10	11	12	13	14	15	16	17	18
26 TOL	International 7400	2012	7	8	9	10	11	12	13	14	15	16
32 TOL	International 7400	2012	7	8	9	10	11	12	13	14	15	16
4 TOL	Ford F250	2012	7	8	9	10	11	12	13	14	15	16
51 TOL	International 7400	2013	6	7	8	9	10	11	12	13	14	15
28 TOL	International 7400	2014	5	6	7	8	9	10	11	12	13	14
11 TOL	Ford F350	2015	4	5	6	7	8	9	10	11	12	13
13 TOL	Ford F350 Rack Body	2015	4	5	6	7	8	9	10	11	12	13
2 TOL	Ford F350	2015	4	5	6	7	8	9	10	11	12	13
24 TOL	International 7400	2016	3	4	5	6	7	8	9	10	11	12
6 TOL	International Low Pro 4300	2016	2	3	4	5	6	7	8	9	10	11
Scheduled Replacements:												
30 TOL	Dump Truck	2018	new	1	2	3	4	5	6	7	8	9
8 TOL	Ford Utility- refurbishing-new bed	2018	refurbishing- new bed									
29 TOL	International 7400	2019		new	1	2	3	4	5	6	7	8
9 TOL	Ford F250	2020			new	1	2	3	4	5	6	7
33 TOL	Mack Dump- Refurbishing	2005			refurbishing							
35 TOL	International 7400	2021				new	1	2	3	4	5	6
64 TOL	Ford F250	2021				new	1	2	3	4	5	6
8 TOL	Ford F350	2022					new	1	2	3	4	5
Heavy Equipment:												
	Cat Grader	1972	46	47	48	49	50	51	52	53	54	55
7 TOL	Vac-All	2000	18	19	20	21	22	23	24	25	26	27
20 TOL	Cat 938 Loader	2002	16	17	18	19	new					
19 TOL	Elgin Sweeper	2003	15	16	17	18	19	20	21	22	23	24
	Paver (used)	2007	11	12	13	14	15	16	17	18	19	20
	Roadside Mower	2010	8	9	10	11	12	13	14	15	16	17
	Hyundai Excavator 4500	2011	8	9	10	11	12	13	14	15	16	17
17 TOL	Cat Loader 924	2014	5	6	7	8	9	10	11	12	13	14
22 TOL	Cat Backhoe	2014	5	6	7	8	9	10	11	12	13	14
	Wacker Pro-Line Roller	2017	1	2	3	4	5	6	7	8	9	10
Scheduled Replacements:												
20 TOL	Front End Loader	2022					new					
				recommended end of service					3 years past recommended end of service			
				1 year past recommended end of service					4 years or more past recommended end of service			
				2 years past recommended end of service					scheduled for replacement			

updated 11/2017	POOL VEHICLE REPLACEMENT SCHEDULE							
Pool Vehicles	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26
Town Manager	2015 Ford Explorer to Pool	New Vehicle						
		2015 Ford Explorer to Pool	Car #2					
Public Works Director	2015 Ford Explorer			New Vehicle				
				2015 Ford Explorer to Recreation				
Building Inspector	2013 Ford Explorer		New Vehicle					
			2013 Ford Explorer to Assessor					
Elderly Outreach	2016 Dodge Caravan							
Canine	2010 F150		New Vehicle					
Fire Marshall	2011 Expedition							
Assessor	2006 Liberty		2013 Ford Explorer to Assessor					
			2006 Liberty surplus					
Recreation	2006 Cherokee			2015 Ford Explorer				
Community Development	2007 Liberty							
Fire Dept	2006 Grand Cherokee							
Pool Car #1	2010 Ford Explorer							
Pool Car #2		2015 Ford Explorer						
BOARD OF ED								
BOE #1	2012 Ford F150 Pick up				New Vehicle			
BOE #2	2015 Ford F250 Pick up					New Vehicle		
BOE #3	2008 Ford 3/4 Van					New Vehicle		

**Five Year Capital Budget Summary of Associated Operating Costs
FY 2018-2019 through 2022-2023**

<u>Function</u>	<u>Activity</u>	<u>Program</u>	<u>Project</u>	<u>Operating Costs</u>
FY 2019-2020 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.