

December 15, 2016

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 2017/2018 - 2021/2022 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 last 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 recommending a capital improvement plan that includes in year one a General Fund contribution of \$166,786. This is an increase of \$112,208 in the General Fund contribution in comparison to the current year. Included as part of my recommendation for Year One is \$2,034,763 in non-referendum borrowing to cover the costs of large heavy equipment (\$190,300), drainage and culvert

improvements (\$200,000), road improvements (\$410,800) and (\$1,233,663) for the renovations/additions to the Highway Garage.

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. I was pleased to see the voters approved the \$9.6 million bond issue for school improvements with work taking place over the next three summers. 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.

Even taking into consideration the approved five million dollar borrowing for road improvements which is in its last year of funding, as well as the Library Expansion Project and the recently approved school improvement issues, the Town's immediate 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 \$2,162,863 which is 5% of the current grand levy. 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 January. 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 is the remaining debt associated with our \$5 million road issue, and other previously approved projects, the recommended five year Capital Plan and the two large facility projects in the plan addressing needs in the Fire Department and completion of funding for the Highway Garage expansion. The additional amount borrowed in this assumption is \$16,497,167 over nine years with \$12,497,167 of this amount issued within five years. Due to planned use of our Debt Service Reserve Fund, use of anticipated bond premiums and declining debt service the 2017/2018 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 2025. After Year Five of this proposed plan we should be in a good position in regard to facility improvements in the Town and BOE with capital needs focusing more on large equipment and public infrastructure needs.

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. We are programming going forward \$100,000 to be used by the Board of Education to address yearly capital needs of a smaller nature as well as a bond issue in the fifth year of the Plan for \$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. A referendum will be required in November of 2020 to consider this additional funding request.

I am also recommending within this Five Year Plan that we address the remaining Town facilities needs dealing with the final amount needed for the Highway Expansion Project and 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 One of this plan. It would be my recommendation to have a referendum in November of 2018 to consider funding for this need. In addition the Department in Year Three of the plan is proposing to replace Rescue 240 and ET-540. The cost of fire apparatus has increased substantially over the last several years and to replace these two pieces of equipment is estimated to be \$1.5 million. The Fire Capital Reserve account does not have sufficient funds to address this need and therefore a referendum to authorize borrowing is necessary in November of 2018 as either part of the funding request to address Fire Station needs or as a separate question.

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 \$339,123 next year for road maintenance from the TAR grant along with one million dollars from the last year of the Five Year road bond issue. In addition, \$410,800 is included as our portion of the LOTCIP grant for the repaving of Old Cathole Road. The majority of the funding for annual road improvement allocation comes from either Town Aid Road funds, LOCIP or non-referendum notes. This annual allocation along with the almost completed five million dollar road bond issue will help the Town maintain its overall road inventory ranking. I am in Year Five recommending another Five Year, five million dollar bond issue for road and parking lot improvements. 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. Hopefully in

Year 2025 and beyond sufficient funds will be going into our debt reserve fund to address road improvements on a pay-as-you-go basis. Copies of the VHB updated five-year plan will be forwarded to the Town Council within the next several weeks. Also VHB will make a formal presentation regarding their recommendation at the Public Hearing on the Capital Budget.

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 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. 16, 2017.

SRW/lrb
Attachments

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

5-YEAR CAPITAL IMPROVEMENT PLAN BUDGET SUMMARIES

YEAR 1: FY 2017-2018

YEAR 2: FY 2018-2019

YEAR 3: FY 2019-2020

YEAR 4: FY 2020-2021

YEAR 5: FY 2021-2022

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
BUDGET SUMMARIES FOR FISCAL YEARS 2017-2018 THROUGH 2021-2022**

Italic indicates the recurring projects

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds for next budget	1 FY 2017-2018	2 FY 2018-2019	3 FY 2019-2020	4 FY 2020-2021	5 FY 2021-2022	Funding Totals FY 2018-2022
TOWN ADMINISTRATION								
Town Administration								
<i>Replacement of Light Duty Vehicles - Town</i>	<i>169,200</i>		<i>55,972</i>	<i>30,772</i>	<i>27,176</i>	<i>29,140</i>	<i>26,140</i>	<i>169,200</i>
<i>Replacement of Light Duty Vehicles - BOE</i>	<i>63,930</i>		<i>12,786</i>	<i>12,786</i>	<i>12,786</i>	<i>12,786</i>	<i>12,786</i>	<i>63,930</i>
Facilities Capital Improvements	50,000					50,000		50,000
SUBTOTAL TOWN ADMINISTRATION	283,130	0	68,758	43,558	39,962	91,926	38,926	283,130
BOARD OF EDUCATION								
Board of Education								
Facilities Capital Improvements	500,000		100,000	100,000	100,000	100,000	100,000	500,000
Bonding Projects	1,104,560						1,104,560	1,104,560
SUBTOTAL BOARD OF EDUCATION	1,604,560	0	100,000	100,000	100,000	100,000	1,204,560	1,604,560

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
BUDGET SUMMARIES FOR FISCAL YEARS 2017-2018 THROUGH 2021-2022**

Italics indicates the recurring projects

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	1 FY 2017-2018	2 FY 2018-2019	3 FY 2019-2020	4 FY 2020-2021	5 FY 2021-2022	Funding Totals FY 2018-2022
CAPITAL EQUIPMENT								
Capital Equipment								
<i>Replacement of Light Duty Vehicles</i>	75,052		13,652	15,350	15,350	15,350	15,350	75,052
Replacement of PW Truck and Pavement Roller	190,300		190,300					190,300
Replacement of Line Painter (Parks)	15,000		15,000					15,000
Replacement of Truck #33 (Highway)	180,000			180,000				180,000
Replacement of Toror Mower (Parks)	53,000			53,000				53,000
Replacement of Truck #25 (Highway)	68,000				68,000			68,000
Replacement of Service Truck (Highway) & Skid Steer	118,000				118,000			118,000
Facilities Cargo Van (Parks)	45,000				45,000			45,000
Replacement of Truck #38 (Highway) & Road Grader	140,000					140,000		140,000
Replacement of Truck #2 (Highway)	50,000					50,000		50,000
Replacement of Truck #27 (Highway)	200,000						200,000	200,000
SUBTOTAL CAPITAL EQUIPMENT	1,134,352	0	218,952	248,350	246,350	205,350	215,350	1,134,352
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
Replacement of Rescue 240 and ET-540	1,500,000				1,500,000			1,500,000
Replacement of Fire Gear	60,000					60,000		60,000
Replacement of Ambulance 640	285,000						285,000	285,000
Refurbishment of ET-140	130,000						130,000	130,000
SUBTOTAL FIRE AND AMBULANCE	2,244,000	0	231,500	20,000	1,517,500	60,000	415,000	2,244,000

**FIVE YEAR CAPITAL IMPROVEMENT PLAN
BUDGET SUMMARIES FOR FISCAL YEARS 2017-2018 THROUGH 2021-2022**

Italics indicated recurring projects

PROJECT SUMMARY DESCRIPTIONS	Project Cost	Existing Funds	1 FY 2017-2018	2 FY 2018-2019	3 FY 2019-2020	4 FY 2020-2021	5 FY 2021-2022	Funding Totals FY 2018-2022
PARKS AND RECREATION								
Parks and Recreation								
New Playground Area	30,000				30,000			30,000
SUBTOTAL PARKS AND RECREATION	30,000	0	0	0	30,000	0	0	30,000
PUBLIC FACILITIES								
Public Facilities								
Additional Funding for Highway Garage Renovations	4,128,116	2,778,337	1,349,779					4,128,116
Senior Center Roof Replacement	30,000		30,000					30,000
Refurbish Firehouse 340	12,000		12,000					12,000
Costs of Conceptual Plan for Firehouses	20,000		20,000					20,000
Repainting of Arts Building	24,000		24,000					24,000
Firehouse Improvement Design Phase	100,000			100,000				100,000
Boiler for Jail and Trooper Office	35,000				35,000			35,000
Firehouse Improvements Implementation Phase	3,000,000				3,000,000			3,000,000
Pole Sheds for Highway Garage	80,000						80,000	80,000
SUBTOTAL PUBLIC FACILITIES	7,429,116	2,778,337	1,435,779	100,000	3,035,000	0	80,000	7,429,116
STREETS AND ROADS								
Construction and Reconstruction								
<i>Drainage Construction and Design</i>	<i>1,000,000</i>		<i>200,000</i>	<i>200,000</i>	<i>200,000</i>	<i>200,000</i>	<i>200,000</i>	<i>1,000,000</i>
Pavement Management								
Road Improvements 11/2012 referendum	5,000,000	5,000,000						5,000,000
Old Cathole Road North	410,800		410,800					410,800
Cross Farms Parking Lot (Rear)	140,800			140,800				140,800
Various Roads	4,339,123		339,123	1,000,000	1,000,000	1,000,000	1,000,000	4,339,123
Road Improvements	5,000,000						5,000,000	5,000,000
SUBTOTAL STREETS AND ROADS	15,890,723	5,000,000	949,923	1,340,800	1,200,000	1,200,000	6,200,000	15,890,723
CIP GRAND TOTALS	28,615,881	7,778,337	3,004,912	1,852,708	6,168,812	1,657,276	8,153,836	28,615,881

YEAR 1

2017 – 2018

**YEAR 1 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2017-2018**

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 =====>	17,378,337	166,786	442,080	0	2,162,863	0	116,116	339,123	0	0	623,137	0	21,228,442
TOWN ADMINISTRATION													
Town Administration	0	12,786	55,972	0	0	0	0	0	0	0	0	0	68,758
BOARD OF EDUCATION													
Board of Education	9,600,000	100,000	0	0	0	0	0	0	0	0	0	0	9,700,000
CAPITAL EQUIPMENT													
Capital Equipment	0	0	28,652	0	190,300	0	0	0	0	0	0	0	218,952
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	0	231,500	0	231,500
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC FACILITIES													
Public Facilities	2,778,337	54,000	32,000	0	1,233,663	0	116,116	0	0	0	0	0	4,214,116
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	200,000	0	0	0	0	0	0	0	200,000
Pavement Management	5,000,000	0	0	0	410,800	0	0	339,123	0	0	0	0	5,749,923
SUMMARY PROJECT TOTALS	17,378,337	166,786	116,624	0	2,034,763	0	116,116	339,123	0	0	231,500	0	20,383,249
FUNDING SOURCE VARIANCES	0	0	325,456	0	128,100	0	0	0	0	0	391,637	0	845,193

FUNCTION FY 2017-2018 Capital Budget - Year 1	ACTIVITY Board of Education		PROGRAM Board of Education											CODE 2010-06	
	Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
Facilities Capital Improvements Includes equipment trailer; BGP concrete repair rear sidewalk and trench drain; TMS auditorium stage floor refinishing; TIS lecture hall carpet; DW custodial burnisher; TIS paving lower level loading dock. Projects total \$90,776 and \$9,224 for possible escalation.	100,000		100,000												100,000
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 one. 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	9,700,000	9,600,000	100,000	0	0	0	0	0	0	0	0	0	0	0	9,700,000

FUNCTION FY 2017-2018 Capital Budget - Year 1	ACTIVITY Fire and Ambulance	PROGRAM Fire and Ambulance											CODE	
		CAPITAL BUDGET FUNDING SOURCES											2030-00	
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	Funding Totals
Replacement of Ambulance 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. We will be doing a remount the same as we did with Ambulance 640, this option will lessen the price. Keep in mind the next replacement will require a complete new ambulance therefore the price will be back to where it was before we started using the remount option.	214,000											214,000		214,000
Replacement AED Program More than 10 years ago with the addition of AEDs (Automatic External Defibrillators), the department first qualified as a HEARTSafes Community. The Fire Department was able to expand our fleet of AEDs when those units that weren't being used by a local sports group, were donated to the department. The addition of these units enabled us to equip each station as well as our first-response vehicles with AEDs which allows for quick, easy access and provides greater coverage to the Town. The Department needs to begin replacing our AED units. At this time we recommend half our units this year and the other half in two years. We feel this strategy will lessen the financial impact of the program and allow for more manageable spending not only for the units themselves but for the maintenance, batteries and pad supply costs as well. The current units are in need of replacement due to changes in technology and some are not able to download the new software.	35,000											17,500		17,500
Contribution to Emergency Services Equipment Reserve Contributions to the ambulance fund from operations, net of expenses, average approximately \$130,000 per year. Funds are accumulated within a reserve account in this fund to be used towards the replacement of ambulances as well as yearly fire/ambulance equipment as identified in the Capital Improvements Plan. As projects are scheduled, funds are reallocated from this reserve account to the accounts where the expenditures are needed.														
TOTAL FIRE AND AMBULANCE	249,000	0	0	0	0	0	0	0	0	0	0	231,500	0	231,500

FUNCTION FY 2017-2018 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 2017-2018 PROJECTS FOR PARKS AND RECREATION															
TOTAL PARKS AND RECREATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

FUNCTION	ACTIVITY										PROGRAM	CODE		
FY 2017-2018 Capital Budget - Year 1	Streets and Roads										Pavement Management	2060-00		
Project Description	Estimated Project Cost	Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/Appr Bonds	Funding Totals
CAPITAL BUDGET FUNDING SOURCES														
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.	339,123								339,123					339,123
Road Improvements Bond referendum was approved 11/06/2012. Bond referendum for road improvements over five years pursuant to the Town's Debt Management Plan. \$1 million of debt will be issued each year. This is year five.	5,000,000	5,000,000												5,000,000
Debt Management Plan: Year One: FY 2013/2014 - \$1,000,000 Year Two: FY 2014/2015 - \$1,000,000 Year Three: FY 2015/2016 - \$1,000,000 Year Four: FY 2016/2017 - \$1,000,000 Year Five: FY 2017/2018 - \$1,000,000														
Old Cathole Road North This portion of Old Cathole Road North is not covered under the LoTCIP program and needs to be funded by the Town. We are responsible for the Engineering portion of the project as well.	410,800					410,800								410,800
TOTAL PAVEMENT MANAGEMENT	5,749,923	5,000,000	0	0	0	410,800	0	0	339,123	0	0	0	0	5,749,923

YEAR 2

2018 – 2019

**YEAR 2 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2018-2019**

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 =====>	9,600,000	158,908	325,456	0	1,165,561	0	116,116	339,123	0	0	531,637	0	12,236,801
TOWN ADMINISTRATION													
Town Administration	0	43,558	0	0	0	0	0	0	0	0	0	0	43,558
BOARD OF EDUCATION													
Board of Education	9,600,000	100,000	0	0	0	0	0	0	0	0	0	0	9,700,000
CAPITAL EQUIPMENT													
Capital Equipment	0	15,350	53,000	0	180,000	0	0	0	0	0	0	0	248,350
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	0	20,000	0	20,000
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	100,000	0	0	0	0	0	0	0	100,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	200,000	0	0	0	0	0	0	0	200,000
Pavement Management	0	0	0	0	685,561	0	116,116	339,123	0	0	0	0	1,140,800
SUMMARY PROJECT TOTALS	9,600,000	158,908	53,000	0	1,165,561	0	116,116	339,123	0	0	20,000	0	11,452,708
FUNDING SOURCE VARIANCES	0	0	272,456	0	0	0	0	0	0	0	511,637	0	784,093

FUNCTION	ACTIVITY	PROGRAM	CODE											
FY 2018-2019 Capital Budget - Year 2	Fire and Ambulance	Fire and Ambulance	2030-00											
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Replacement of 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
Contribution to Emergency Services Equipment Reserve Contributions to the ambulance fund from operations, net of expenses, average approximately \$130,000 per year. Funds are accumulated within a reserve account in this fund to be used towards the replacement of ambulances as well as yearly fire/ambulance equipment as identified in the Capital Improvements Plan. As projects are scheduled, funds are reallocated from this reserve account to the accounts where the expenditures are needed.														
TOTAL FIRE AND AMBULANCE	20,000	0	0	0	0	0	0	0	0	0	0	20,000	0	20,000

FUNCTION FY 2018-2019 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	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 2	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	Totals	
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	100,000	0	0	0	0	100,000	0	0	0	0	0	0	0	100,000	

FUNCTION FY 2018-2019 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 portion of certain town roads identified by the pavement management system.	200,000					200,000								200,000	
TOTAL CONSTRUCTION	200,000	0	0	0	0	200,000	0	0	0	0	0	0	0	200,000	

FUNCTION FY 2018-2019 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		
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.	1,000,000					544,761		116,116	339,123					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.	140,800					140,800								140,800	
TOTAL PAVEMENT MANAGEMENT	1,140,800	0	0	0	0	685,561	0	116,116	339,123	0	0	0	0	1,140,800	

YEAR 3

2019 – 2020

**YEAR 3 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2019-2020**

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 =====>	9,617,500	200,312	272,456	30,000	862,761	4,500,000	116,116	339,123	0	0	621,637	68,000	16,627,905
TOWN ADMINISTRATION													
Town Administration	0	39,962	0	0	0	0	0	0	0	0	0	0	39,962
BOARD OF EDUCATION													
Board of Education	9,600,000	100,000	0	0	0	0	0	0	0	0	0	0	9,700,000
CAPITAL EQUIPMENT													
Capital Equipment	0	60,350	0	0	118,000	0	0	0	0	0	0	68,000	246,350
FIRE AND AMBULANCE													
Fire and Ambulance	17,500	0	0	0	0	1,500,000	0	0	0	0	17,500	0	1,535,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	30,000	0	0	0	0	0	0	0	0	30,000
PUBLIC FACILITIES													
Public Facilities	0	0	35,000	0	0	3,000,000	0	0	0	0	0	0	3,035,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	200,000	0	0	0	0	0	0	0	200,000
Pavement Management	0	0	0	0	544,761	0	116,116	339,123	0	0	0	0	1,000,000
SUMMARY PROJECT TOTALS	9,617,500	200,312	35,000	30,000	862,761	4,500,000	116,116	339,123	0	0	17,500	68,000	15,786,312
FUNDING SOURCE VARIANCES	0	0	237,456	0	0	0	0	0	0	0	604,137	0	841,593

FUNCTION FY 2019-2020 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		
Facilities Capital Improvements Establishment of a fund to address yearly improvement needs for the BOE facilities. The fund will be managed by the BOE Facilities Manager and Town Finance Director. Projects must meet the definition of a capital item.	100,000		100,000										100,000		
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															
TOTAL BOARD OF EDUCATION	9,700,000	9,600,000	100,000	0	0	0	0	0	0	0	0	0	9,700,000		

FUNCTION	ACTIVITY	PROGRAM												CODE
FY 2019-2020 Capital Budget - Year 3	Capital Equipment	Capital Equipment												2020-00
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES												Funding Totals
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes/Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/Appr Bonds	
Replacement of Truck #25 2007 Ford F-550 Dump Truck (Highway) This front line piece of equipment is used for snow operations, cemetery services as well as ballfield maintenance. We intend to purchase a sander and snow plow for this vehicle at the time of purchase. (Funded by Cemetery Fund which is estimated to have a fund balance of approximately \$211,856)	68,000												68,000	68,000
Replacement of Truck #8 2003 Ford Utility Truck (Highway) and 2019 New Holland Skid Steer (Parks) The service truck 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 (\$68,000). The New Holland skid steer is used almost daily on field prep as well as during snow operations. We also use it heavily with attachments such as augers, brush hogs and forks for off-loading equipment and supplies (\$50,000). This replaces the 2001 New Holland skid steer.	118,000					118,000								118,000
Facilities 2008 E-250 Cargo Van (Parks) This vehicle is used on a daily basis for maintenance operations on all of our Public Facilities. It is equipped with shelving to carry tools as well as spare parts for plumbing, lock sets, electrical and mechanical needs within the buildings.	45,000		45,000											45,000
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	15,350		15,350											15,350
List of Public Works Vehicles: 2013 F-250 Pickup Truck - Highway 2013 F-250 Pickup Truck - Parks 2015 F-350 Truck - Public Works Supervisor														
TOTAL CAPITAL EQUIPMENT	246,350	0	60,350	0	0	118,000	0	0	0	0	0	0	68,000	246,350

FUNCTION FY 2019-2020 Capital Budget - Year 3	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 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 have been merged into a master facilities improvement plan for the community (\$750,000). (Referendum, November 2018)</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>	1,500,000						1,500,000							1,500,000
<p>Replacement of ET-540 This truck was delivered in 1988. The truck was built on a commercial vehicle chassis. The truck was refurbished in 2005. That refurbishment added approximately 15 years of usable service life of the truck. This truck has a 1,000 gallon tank and a 1,500 gpm pump. The department will increase in tank size when specifying the replacement truck. This vehicle is currently located at the Plains Road firehouse (\$750,000). (Referendum, November 2018)</p>														
<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
TOTAL FIRE AND AMBULANCE	1,535,000	17,500	0	0	0	0	1,500,000	0	0	0	0	17,500	0	1,535,000

FUNCTION FY 2019-2020 Capital Budget - Year 3	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	
<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</p>	30,000				30,000									30,000
TOTAL PARKS AND RECREATION	30,000	0	0	0	30,000	0	0	0	0	0	0	0	0	30,000

FUNCTION FY 2019-2020 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		
Boiler for Jail and Trooper Office Boiler for jail and trooper office. Plus take out underground fuel tank.	35,000			35,000										35,000	
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. (Referendum, November 2018)	3,000,000						3,000,000							3,000,000	
TOTAL PUBLIC FACILITIES	3,035,000	0	0	35,000	0	0	3,000,000	0	0	0	0	0	0	3,035,000	

FUNCTION	ACTIVITY	PROGRAM											CODE	
FY 2019-2020 Capital Budget - Year 3	Streets and Roads	Pavement Management											2060-00	
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/ Bonds	Refer Notes/ Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve	Other Funding Sources/ Appr Bonds	
Pavement Management Roads will be repaired according to the automated pavement management system recommendations. This process includes a variety of techniques ranging from crack sealing, chip sealing and thin overlay to total reconstruction.	1,000,000					544,761		116,116	339,123					1,000,000
TOTAL PAVEMENT MANAGEMENT	1,000,000	0	0	0	0	544,761	0	116,116	339,123	0	0	0	0	1,000,000

YEAR 4

2020 – 2021

**YEAR 4 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2020-2021**

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 =====>	0	207,276	237,456	0	884,761	0	116,116	339,123	0	0	744,137	0	2,528,869
TOWN ADMINISTRATION													
Town Administration	0	91,926	0	0	0	0	0	0	0	0	0	0	91,926
BOARD OF EDUCATION													
Board of Education	0	100,000	0	0	0	0	0	0	0	0	0	0	100,000
CAPITAL EQUIPMENT													
Capital Equipment	0	15,350	50,000	0	140,000	0	0	0	0	0	0	0	205,350
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	0	0	0	0	0	0	0	0	0	0	0	0
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	200,000	0	0	0	0	0	0	0	200,000
Pavement Management	0	0	0	0	544,761	0	116,116	339,123	0	0	0	0	1,000,000
SUMMARY PROJECT TOTALS	0	207,276	50,000	0	884,761	0	116,116	339,123	0	0	60,000	0	1,657,276
FUNDING SOURCE VARIANCES	0	0	187,456	0	0	0	0	0	0	0	684,137	0	871,593

FUNCTION FY 2020-2021 Capital Budget - Year 4		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	
Facilities Capital Improvements Establishment of a fund to address yearly improvement needs for the BOE facilities. The fund will be managed by the BOE Facilities Manager and Town Finance Director. Projects must meet the definition of a capital item.	100,000		100,000											100,000
TOTAL BOARD OF EDUCATION	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0	100,000

FUNCTION FY 2020-2021 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	Funding Totals
<p>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.</p>	60,000											60,000		60,000
<p>Contribution to Emergency Services Equipment Reserve Contributions to the ambulance fund from operations, net of expenses, average approximately \$130,000 per year. Funds are accumulated within a reserve account in this fund to be used towards the replacement of ambulances as well as yearly fire/ambulance equipment as identified in the Capital Improvements Plan. As projects are scheduled, funds are reallocated from this reserve account to the accounts where the expenditures are needed.</p>														
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 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 2020-2021 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 2020-2021 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	
NO NEW FY 2020-2021 PROJECTS FOR PUBLIC FACILITIES														
TOTAL PUBLIC FACILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FUNCTION FY 2020-2021 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 portion of certain town roads identified by the pavement management system.	200,000					200,000								200,000	
TOTAL CONSTRUCTION	200,000	0	0	0	0	200,000	0	0	0	0	0	0	0	200,000	

FUNCTION FY 2020-2021 Capital Budget - Year 4	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.	1,000,000					544,761		116,116	339,123					1,000,000	
TOTAL PAVEMENT MANAGEMENT	1,000,000	0	0	0	0	544,761	0	116,116	339,123	0	0	0	0	1,000,000	

YEAR 5

2021 – 2022

**YEAR 5 CAPITAL BUDGET SUMMARY
FISCAL YEAR 2021-2022**

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 ==>	0	234,276	187,456	0	944,761	6,104,560	116,116	339,123	0	0	824,137	0	8,750,429
TOWN ADMINISTRATION													
Town Administration	0	38,926	0	0	0	0	0	0	0	0	0	0	38,926
BOARD OF EDUCATION													
Board of Education	0	100,000	0	0	0	1,104,560	0	0	0	0	0	0	1,204,560
CAPITAL EQUIPMENT													
Capital Equipment	0	15,350	0	0	200,000	0	0	0	0	0	0	0	215,350
FIRE AND AMBULANCE													
Fire and Ambulance	0	0	0	0	0	0	0	0	0	0	415,000	0	415,000
PARKS AND RECREATION													
Parks and Recreation	0	0	0	0	0	0	0	0	0	0	0	0	0
PUBLIC FACILITIES													
Public Facilities	0	80,000	0	0	0	0	0	0	0	0	0	0	80,000
STREETS AND ROADS													
Construction and Reconstruction	0	0	0	0	200,000	0	0	0	0	0	0	0	200,000
Pavement Management	0	0	0	0	544,761	5,000,000	116,116	339,123	0	0	0	0	6,000,000
SUMMARY PROJECT TOTALS	0	234,276	0	0	944,761	6,104,560	116,116	339,123	0	0	415,000	0	8,153,836
FUNDING SOURCE VARIANCES	0	0	187,456	0	0	0	0	0	0	0	409,137	0	596,593

FUNCTION FY 2021-2022 Capital Budget - Year 5	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	
Facilities Capital Improvements Establishment of a fund to address yearly improvement needs for the BOE facilities. The fund will be managed by the BOE Facilities Manager and Town Finance Director. Projects must meet the definition of a capital item.	100,000		100,000											100,000
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. (Referendum required in November 2020)	1,104,560						1,104,560							1,104,560
TOTAL DISTRICT WIDE	1,204,560	0	100,000	0	0	0	1,104,560	0	0	0	0	0	0	1,204,560

FUNCTION FY 2021-2022 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	
Replacement of Truck #27 2008 International 7400 (Highway) This front line piece of equipment is used for snow operations as well as for road maintenance. The intention is to purchase a new sander and plow for this vehicle as well.	200,000					200,000								200,000
Replacement of Light Duty Vehicles - To Reserve for Current Year Depreciation Funds for municipal vehicle replacement.	15,350		15,350											15,350
List of Public Works Vehicles: 2013 F-250 Pickup Truck - Highway 2013 F-250 Pickup Truck - Parks 2015 F-350 Truck - Public Works Supervisor														
TOTAL CAPITAL EQUIPMENT	215,350	0	15,350	0	0	200,000	0	0	0	0	0	0	0	215,350

FUNCTION FY 2021-2022 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	
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
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.	130,000										130,000			130,000
Contribution to Emergency Services Equipment Reserve Contributions to the ambulance fund from operations, net of expenses, average approximately \$130,000 per year. Funds are accumulated within a reserve account in this fund to be used towards the replacement of ambulances as well as yearly fire/ambulance equipment as identified in the Capital Improvements Plan. As projects are scheduled, funds are reallocated from this reserve account to the accounts where the expenditures are needed.														
TOTAL FIRE AND AMBULANCE	415,000	0	0	0	0	0	0	0	0	0	0	415,000	0	415,000

FUNCTION FY 2021-2022 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.	80,000		80,000											80,000
TOTAL PUBLIC FACILITIES	80,000	0	80,000	0	0	0	0	0	0	0	0	0	0	80,000

FUNCTION	ACTIVITY	PROGRAM	CODE											
FY 2021-2022 Capital Budget - Year 5	Streets and Roads	Pavement Management	2060-00											
Project Description	Estimated Project Cost	CAPITAL BUDGET FUNDING SOURCES											Funding Totals	
		Existing Funds	General Fund Contrib	CNRE Fund	Recreation Special Revenue	Non Refer Notes/Bonds	Refer Notes Bonds	LOCIP Grant	TAR Grant	State & Federal Grants	School Const Grant	Ambul Reserve		Other Funding Sources/ Appr Bonds
Pavement Management Roads will be repaired according to the automated pavement management system recommendations. This process includes a variety of techniques ranging from crack sealing, chip sealing and thin overlay to total reconstruction.	1,000,000					544,761		116,116	339,123					1,000,000
Road Improvements Bond referendum for roand improvements over five years pursuant to the Town's Debt Management Plan. (Referendum, November 2020)	5,000,000						5,000,000							5,000,000
Debt Management Plan: Year One: FY 2021/2022 - \$1,000,000 Year Two: FY 2022/2023 - \$1,000,000 Year Three: FY 2023/2024 - \$1,000,000 Year Four: FY 2024/2025 - \$1,000,000 Year Five: FY 2025/2026 - \$1,000,000														
TOTAL PAVEMENT MANAGEMENT	6,000,000	0	0	0	0	544,761	5,000,000	116,116	339,123	0	0	0	0	6,000,000

**Town of Tolland, Connecticut
Existing & Proposed Debt Service
November 2016**

Proposed Debt Service ==>

General Fund Only Debt Service

Fiscal Year	Existing General Fund Principal	Existing GF Interest	BAN interest	TOTAL General Fund Debt (excludes Sewer Assessment Debt & 2013 Energy Lease)	Annual Change in Existing Debt Service	\$8,915,000 Bond Issue Dated July 2017 Term: 20 Years Rate: 3.00%			\$4,515,000 BANs Dated: 10/18 Due: 10/19 Interest	\$10,950,000 Bond Issue Dated October 2019 Term: 20 Years Rate: 3.25%			\$885,000 BANs 10/2020 to 10/2021 Interest	\$4,155,000 Bond Issue Dated 2021 Term: 20 Years Rate: 3.25%			Total Proposed Principal	Total Proposed Interest	Total Proposed Debt Service	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	General Fund Budget	General Fund debt service as a % of total General Fund expenditures
						Principal	Interest	Total		Principal	Interest	Total		Principal	Interest	Total											
2016	3,184,649	1,118,133	80,925	4,383,707	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,098,507	4,542,176	-	(146,160)	544,000	54,800,000	7.51%		
2017	3,578,935	1,117,225	-	4,696,160	312,453	-	-	-	-	-	-	-	-	-	-	-	-	-	4,696,160	4,550,000	7,824	(146,160)	397,840	55,146,000	8.52%		
2018	3,568,567	1,007,190	-	4,575,757	(120,403)	-	-	-	-	-	-	-	-	-	-	-	-	-	4,709,757	4,550,000	0	(155,757)	482,083	55,697,460	8.45%		
2019	3,235,247	899,292	-	4,134,539	(441,218)	350,000	261,750	611,750	-	-	-	-	-	-	-	350,000	261,750	611,750	85,000	4,746,289	4,550,000	0	(196,289)	380,794	56,254,435	8.44%	
2020	2,980,737	790,816	-	3,771,553	(362,986)	375,000	250,875	625,875	56,438	-	-	-	-	-	-	375,000	250,875	625,875	300,000	4,628,865	4,550,000	0	(78,865)	601,929	56,816,979	8.15%	
2021	2,975,737	684,674	-	3,660,411	(111,142)	375,000	239,625	614,625	-	-	175,000	175,000	-	-	-	375,000	239,625	614,625	85,000	4,633,036	4,550,000	0	(83,036)	603,894	57,385,149	8.07%	
2022	2,992,047	569,467	-	3,561,503	(98,907)	450,000	227,250	677,250	-	-	350,000	329,063	679,063	11,063	-	450,000	227,250	677,250	250,000	4,977,816	4,550,000	0	(427,816)	426,078	57,959,000	8.59%	
2023	2,786,667	453,671	-	3,240,338	(321,165)	450,000	213,750	663,750	-	-	350,000	311,188	661,188	-	-	450,000	213,750	663,750	-	4,893,000	4,550,000	0	(343,000)	283,078	58,538,590	8.02%	
2024	2,811,667	350,032	-	3,161,699	(78,639)	450,000	200,250	650,250	-	-	350,000	293,313	643,313	-	-	450,000	200,250	650,250	-	4,749,574	4,550,000	0	(199,574)	83,504	59,123,976	8.03%	
2025	2,621,667	263,012	-	2,884,679	(277,020)	450,000	186,750	636,750	-	-	450,000	275,438	725,438	-	-	450,000	186,750	636,750	-	4,564,354	4,550,000	0	(14,354)	69,150	59,715,216	7.64%	
2026	2,161,667	194,289	-	2,355,956	(528,723)	450,000	173,250	623,250	-	-	500,000	257,563	757,563	-	-	450,000	173,250	623,250	-	4,047,431	4,550,000	0	502,569	571,719	60,312,368	6.71%	
2027	1,170,000	147,800	-	1,317,800	(1,038,156)	450,000	159,750	609,750	-	-	600,000	239,688	839,688	-	-	450,000	159,750	609,750	-	3,071,075	4,550,000	0	1,478,925	2,050,644	60,915,492	5.04%	
2028	940,000	119,125	-	1,059,125	(258,675)	450,000	146,250	596,250	-	-	600,000	221,813	821,813	-	-	450,000	146,250	596,250	-	2,774,200	4,550,000	0	-	61,524,647	4.51%		
2029	530,000	98,950	-	628,950	(430,175)	450,000	132,750	582,750	-	-	600,000	203,938	803,938	-	-	450,000	132,750	582,750	-	2,305,825	4,550,000	0	-	62,139,893	3.71%		
2030	530,000	82,913	-	612,913	(16,038)	450,000	119,250	569,250	-	-	650,000	186,063	836,063	-	-	450,000	119,250	569,250	-	2,301,588	4,550,000	0	-	62,761,292	3.67%		
2031	530,000	65,700	-	595,700	(17,213)	450,000	105,750	555,750	-	-	650,000	168,269	818,269	-	-	450,000	105,750	555,750	-	2,246,338	4,550,000	0	-	63,388,905	3.54%		
2032	380,000	51,300	-	431,300	(164,400)	450,000	92,250	542,250	-	-	650,000	150,556	800,556	-	-	450,000	92,250	542,250	-	2,044,063	4,550,000	0	-	64,022,794	3.19%		
2033	380,000	39,900	-	419,900	(11,400)	450,000	78,750	528,750	-	-	650,000	132,844	782,844	-	-	450,000	78,750	528,750	-	1,994,788	4,550,000	0	-	64,663,022	3.08%		
2034	380,000	28,500	-	408,500	(11,400)	450,000	65,250	515,250	-	-	650,000	115,131	765,131	-	-	450,000	65,250	515,250	-	1,970,513	4,550,000	0	-	65,309,652	3.02%		
2035	380,000	17,100	-	397,100	(11,400)	465,000	51,750	516,750	-	-	650,000	97,419	747,419	-	-	465,000	51,750	516,750	-	1,936,238	4,550,000	0	-	65,962,749	2.94%		
2036	380,000	5,700	-	385,700	(385,700)	500,000	37,500	537,500	-	-	650,000	79,706	729,706	-	-	500,000	37,500	537,500	-	1,931,213	4,550,000	0	-	66,622,376	2.90%		
2037	-	-	-	-	-	500,000	22,500	522,500	-	-	650,000	61,994	711,994	-	-	500,000	22,500	522,500	-	1,521,138	4,550,000	0	-	67,288,600	2.26%		
2038	-	-	-	-	-	500,000	7,500	507,500	-	-	650,000	44,281	694,281	-	-	500,000	7,500	507,500	-	1,481,763	4,550,000	0	-	67,961,486	2.18%		
2039	-	-	-	-	-	-	-	-	-	-	650,000	26,569	676,569	-	-	-	-	-	-	949,888	4,550,000	0	-	68,641,101	1.38%		
2040	-	-	-	-	-	-	-	-	-	-	650,000	8,856	658,856	-	-	-	-	-	-	925,513	4,550,000	0	-	69,327,512	1.33%		
2041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250,000	9,994	259,994	-	259,994	4,550,000	0	-	70,020,787	0.37%		
2042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250,000	3,331	253,331	-	253,331	4,550,000	0	-	70,720,995	0.36%		
2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,550,000	-	-	71,428,205	0.00%		
2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,550,000	-	-	-	-	-	
Total	38,497,584	8,104,779	80,925	46,683,288		8,915,000	2,902,750	11,817,750	56,438	10,950,000	3,725,625	14,675,625	11,063	4,155,000	1,394,288	5,549,288	24,020,000	8,090,163	32,110,163	970,000	78,508,251						

POOL VEHICLE REPLACEMENT SCHEDULE									
updated 11/2016	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	
Pool Vehicles									
Town Manager	New Vehicle 2015 Ford Explorer to Pool Car #5								
Public Works Director	2015 Ford Explorer				New Vehicle 2015 Ford Explorer to ???				
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/Pool Car #1	2006 Liberty			2013 Ford Explorer to Assessor 2006 Liberty surplus					
Recreation/Pool Car #2	2010 Ford Explorer 2003 Durango to surplus								
Engineer/Pool Car #3	2007 Liberty								
Fire Dept/Pool Car #4	2006 Grand Cherokee								
Pool Car #5	2015 Ford Explorer to Pool Car #5 2010 Ford Explorer to Res								
Pool Car #6	2006 Cherokee								
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 2017-2018 through 2021-2022**

<u>Function</u>	<u>Activity</u>	<u>Program</u>	<u>Project</u>	<u>Operating Costs</u>
FY 2017-2018 Capital Budget	Public Facilities	Public Facilities	Additional Funding Highway Garage Renovations	\$3,000-\$10,000 operating costs
FY 2019-2020 Capital Budget	Parks and Recreation	Parks and Recreation	New Playground Area	\$2,000-\$3,000 operating costs
FY 2019-2020 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.