

Town of Groton, Massachusetts



Proposed Capital Plan FY 2020 - 2024



Town Manager
Mark W. Haddad

TOWN OF GROTON

173 Main Street
Groton, Massachusetts 01450-1237
Tel: (978) 448-1111
Fax: (978) 448-1115

Select Board

Barry A. Pease, *Chairman*
Alison S. Manugian, *Vice-Chairman*
John R. Giger, *Clerk*
Joshua A. Degen, *Member*
Rebecca H. Pine, *Member*

December 31, 2018

Honorable Select Board:
Honorable Finance Committee:

Pursuant to Section 6-6 of the Town of Groton Charter, I am pleased to present the proposed Five-Year Capital Plan for Fiscal Years 2020 through 2024 for the Town of Groton, Massachusetts. Specifically, the Charter states that the Town Manager shall submit a Capital Improvement Plan to the Select Board and Finance Committee at least 6 months before the start of the fiscal year. This Plan is being submitted in compliance with the Charter.

As you know, this Plan allows for careful, critical review of major expenditures, while also giving us the ability to move up or delay expenditures should an imminent need arise. By scheduling expenditures, it allows for a more even distribution of costs, thereby providing greater budget stability. During our most recent bond issue to finance the Senior Center, Lost Lake Fire Protection and Radio Project, S&P Global Direct reviewed our finances and budgeting and maintained our Bond Rating at AAA with a Stable Outlook. Part of their review focused on our Capital Planning. In their Rating Document, they stated that *“Groton also maintains a strong focus on long-term capital planning, evidenced by a five-year capital improvement plan (CIP) that identifies projects and costs across all departments. The Town updates its CIP annually and details pay-as-you-go funding and bond financing of all capital projects.”* The Finance Team and I are very proud of this recognition as they understood how seriously we take our Capital Planning.

That said, this year will mark a departure from past Capital Plans as we are adding a new section that provides an additional five (5) year lookout on our Municipal Building needs through Fiscal Year 2030. We believe adding this new section will aid the Select Board and Finance Committee in understanding the long-range needs of our buildings and allow the Finance Team to plan for any major projects that may require long term debt planning.

In addition, the Select Board has developed and approved a definition of what constitutes a Capital Budget Item. We are including this new language in our proposed Plan this year. Specifically, the definition is as follows:

Honorable Select Board
Honorable Finance Committee
Town of Groton Capital Plan 2020 – 2024
page two

Capital Budget Items, both tangible and intangible, are defined as future projects, programs, improvements and acquisitions having an estimated useful life of at least three (3) years and an initial cost of at least twenty-five thousand dollars (\$25,000). Examples of Capital Items include but are not limited to land (e.g., open space, parks, athletic fields, cemeteries, etc.); municipal buildings and building improvements (all types); vehicles (all kinds); machinery (all types); equipment (all types, including office); computer hardware and software (all types); communication systems (e.g., two-way radios and systems, digital communications networks, antennas, etc.); and infrastructure (e.g., roads, bridges, dams, water and sewer lines, cisterns and other water holding tanks, etc.)

In developing this plan, I worked closely with all Department Heads and attempted to identify capital improvement projects that represented major, non-recurring expenditures and prioritized them. We have balanced the immediate and long-term capital needs of the Town given available resources. I am proposing the following items from the Capital Plan be funded in FY 2020:

<u>Department</u>	<u>Item</u>	<u>Amount</u>	<u>Funding Source</u>
Fire and EMS	Engine 3 Replacement	\$ 140,875	Ambulance Fund
Fire and EMS	Service 1 Replacement	\$ 60,000	Ambulance Fund
Highway	Building Upgrade	\$ 4,000,000	General Obligation Bond
Highway	Brush Mower/Field Mower	\$ 45,000	Capital Asset
Highway	Dump Truck	\$ 40,000	Capital Asset
Highway	Backhoe	\$ 95,000	Capital Asset
Town Facilities	IT Infrastructure/Computer Purchase	\$ 40,000	Capital Asset
Town Facilities	Dispatch Upgrade	\$ 60,000	Capital Asset
Town Facilities	Municipal Building Exterior Repairs	\$ 25,000	Capital Asset
Town Facilities	Paint Police Station/Roof Repairs	\$ 20,000	Capital Asset
Transfer Station	Tractor Trailer Unit/Trash Trailer	\$ 40,000	Capital Asset
Library	Roof Repair	\$ 1,125,000	General Obligation Bond
Police	Police Cruisers	\$ 109,845	Capital Asset
Country Club	Pool Improvements	\$ 15,000	Capital Asset
Country Club	Cart Path Repairs	\$ 10,000	Capital Asset
Country Club	Triplex - Greens Mower	\$ 5,100	Capital Asset
Water Department	Water Meter Replacement Program	\$ 75,000	Water Revenue
Sewer Department	Wastewater Treatment Plant Upgrades	\$ 1,250,000	Sewer Revenue
GDRSD	Annual Regional School Capital	\$ 479,011	GDRSD Capital
Total Requested		\$ 7,634,831	

**Honorable Select Board
Honorable Finance Committee
Town of Groton Capital Plan 2020 – 2024
page three**

To fund this proposed Capital Plan in FY 2020, I am proposing that the following amounts be appropriated from the following sources:

General Obligation Bond	\$ 5,125,000
Capital Asset Fund	\$ 504,945
Ambulance Fund	\$ 200,875
Water Revenue	\$ 75,000
Sewer Revenue	\$ 1,250,000
GDRSD Capital Fund	\$ 479,011
Total	\$ 7,634,831

I wish to acknowledge and thank all of the Department Heads and Staff for their efforts in producing this document.

I look forward to the opportunity to discuss this proposed plan in more detail.

Sincerely,

Mark W. Haddad
Town Manager

Town of Groton, Massachusetts
CAPITAL PLAN
2020 - 2024

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Five Year Total
GENERAL FUND	\$ -	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 160,000
BOND	\$ 5,125,000	\$ -	\$ 70,000,000	\$ -	\$ -	\$ 75,125,000
CAPITAL ASSET	\$ 504,945	\$ 901,240	\$ 696,535	\$ 725,031	\$ 513,632	\$ 3,341,382
WATER REVENUE	\$ 75,000	\$ 75,000	\$ 3,375,000	\$ -	\$ -	\$ 3,525,000
SEWER REVENUE	\$ 1,250,000	\$ -	\$ -	\$ -	\$ 14,500,000	\$ 15,750,000
AMBULANCE FUND	\$ 200,875	\$ 464,655	\$ 137,215	\$ 132,335	\$ 451,880	\$ 1,386,960
GDRSD CAPITAL	\$ 479,011	\$ 368,472	\$ 445,894	\$ 554,878	\$ 553,408	\$ 2,401,663
TOTAL	\$ 7,634,831	\$ 1,849,367	\$ 74,694,644	\$ 1,452,244	\$ 16,058,920	\$ 101,690,005

Town of Groton, Massachusetts
CAPITAL PLAN
2020 - 2024

LISTING OF PROJECTS BY FUNDING SOURCE

GENERAL FUND

Page	Program	Description	Cost 2020	Cost 2021	Cost 2022	Cost 2023	Cost 2024	Funding Source
16	Town Facilities	IT Infrastructure/Computer Purchase		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	General Fund
Subtotal			\$ -	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	

BOND

Page	Program	Description	Cost 2020	Cost 2021	Cost 2022	Cost 2023	Cost 2024	Funding Source
27	Library	Roof Repair	\$ 1,125,000					Bond
14	Highway	Building Upgrade	\$ 4,000,000					Bond
46	GDRSD	Florence Roche Elementary School			\$ 65,000,000			Bond
22	Town Facilities	Prescott School			\$ 5,000,000			Bond/CPA
Subtotal			\$ 5,125,000	\$ -	\$ 70,000,000	\$ -		

Town of Groton, Massachusetts
CAPITAL PLAN
2020 - 2024

LISTING OF PROJECTS BY FUNDING SOURCE (CONTINUED)

CAPITAL ASSET STABILIZATION FUND

Page	Program	Description	Cost 2020	Cost 2021	Cost 2022	Cost 2023	Cost 2024	Funding Source
1	Fire and EMS	Engine 5 Refurbishment		\$ 225,000				Capital Asset
4	Fire and EMS	Engine 1 Refurbishment			\$ 225,000			Capital Asset
6	Fire and EMS	Forestry 4 Replacement				\$ 155,000		Capital Asset
7	Fire and EMS	Command Vehicle				\$ 65,000		Capital Asset
9	Highway	Pick-Up Trucks		\$ 40,000		\$ 40,000		Capital Asset
10	Highway	Brush Mower/Field Mower	\$ 45,000					Capital Asset
11	Highway	Intermediate Truck		\$ 60,000		\$ 75,000		Capital Asset
12	Highway	Dump Truck	\$ 40,000	\$ 40,000	\$ 80,000	\$ 80,000	\$ 40,000	Capital Asset
13	Highway	Backhoe	\$ 95,000					Capital Asset
15	Highway	Loader					\$ 180,000	Capital Asset
16	Town Facilities	IT Infrastructure/Computer Purchase	\$ 40,000					Capital Asset
17	Town Facilities	Dispatch Upgrade	\$ 60,000					Capital Asset
18	Town Facilities	Municipal Building Exterior Repairs	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	Capital Asset
19	Town Facilities	Paint Police Station/Roof Repairs	\$ 20,000	\$ 50,000				Capital Asset
20	Town Facilities	Country Club Roof		\$ 50,000				Capital Asset
21	Town Facilities	Police Station HVAC				\$ 65,000		Capital Asset
23	Transfer Station	Tractor Trailer Unit/Trash Trailer	\$ 40,000	\$ 40,000	\$ 40,000			Capital Asset
24	Transfer Station	Baler		\$ 60,000			\$ 70,000	Capital Asset
25	Transfer Station	Fork Lift/Mini Loader			\$ 60,000			Capital Asset
26	Library	Carpet Replacement			\$ 30,000			Capital Asset
28	Library	Upgrade Building Alarm System		\$ 20,000				Capital Asset
29	Library	Repaint Library Interior			\$ 60,000			Capital Asset
30	Library	Redo Interior Lighting				\$ 40,000		Capital Asset
31	Library	Reconstruct Parking Lot		\$ 80,000				Capital Asset
32	Library	AV System for Sibley Hall					\$ 25,000	Capital Asset
33	Park Department	Property Improvements		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	Capital Asset
34	Police	Police Cruisers	\$ 109,845	\$ 113,140	\$ 116,535	\$ 120,031	\$ 123,632	Capital Asset
35	Police	Police Pick-up Truck		\$ 43,000				Capital Asset
36	Country Club	Golf Carts		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	Capital Asset
37	Country Club	Parking Lot Improvements				\$ 10,000		Capital Asset
38	Country Club	Pool Improvements	\$ 15,000		\$ 10,000			Capital Asset
39	Country Club	Cart Path Repairs	\$ 10,000					Capital Asset
40	Country Club	Triplex - Greens Mower	\$ 5,100	\$ 5,100				Capital Asset
Subtotal			\$ 504,945	\$ 901,240	\$ 696,535	\$ 725,031	\$ 513,632	

Town of Groton, Massachusetts
CAPITAL PLAN
2020 - 2024

LISTING OF PROJECTS BY FUNDING SOURCE (CONTINUED)

WATER REVENUE

Page	Program	Description	Cost 2020	Cost 2021	Cost 2022	Cost 2023	Cost 2024	Funding Source
41	Water Department	Water Meter Replacement Program	\$ 75,000	\$ 75,000	\$ 75,000			Water Revenue
42	Water Department	Shattuck Well			\$ 3,300,000			Water Revenue
Subtotal			\$ 75,000	\$ 75,000	\$ 3,375,000	\$ -	\$ -	

SEWER REVENUE

Page	Program	Description	Cost 2020	Cost 2021	Cost 2022	Cost 2023	Cost 2024	Funding Source
43	Sewer Department	Lost Lake Sewer System					\$ 14,500,000	Sewer Betterments
44	Sewer Department	Wastewater Treatment Plant Upgrades	\$ 1,250,000					Sewer Revenue
Subtotal			\$ 1,250,000	\$ -	\$ -	\$ -	\$ 14,500,000	

AMBULANCE FUND

Page	Program	Description	Cost 2020	Cost 2021	Cost 2022	Cost 2023	Cost 2024	Funding Source
5	Fire and EMS	Ambulance 2 Replacement		\$ 325,000				Ambulance Fund
3	Fire and EMS	Engine 3 Replacement	\$ 140,875	\$ 139,655	\$ 137,215	\$ 132,335	\$ 126,880	Ambulance Fund
8	Fire and EMS	Ambulance 1 Replacement					\$ 325,000	Ambulance Fund
2	Fire and EMS	Service 1 Replacement	\$ 60,000					Ambulance Fund
Subtotal			\$ 200,875	\$ 464,655	\$ 137,215	\$ 132,335	\$ 451,880	

GROTON DUNSTABLE REGIONAL SCHOOL DISTRICT CAPITAL FUND

Page	Program	Description	Cost 2020	Cost 2021	Cost 2022	Cost 2023	Cost 2024	Funding Source
45	GDRSD	Annual Regional School Capital	\$ 479,011	\$ 368,472	\$ 445,894	\$ 554,878	\$ 553,408	GDRSD Capital
Subtotal			\$ 479,011	\$ 368,472	\$ 445,894	\$ 554,878	\$ 553,408	
Capital Improvement Program Total			\$ 7,634,831	\$ 1,849,367	\$ 74,694,644	\$ 1,452,244	\$ 16,058,920	



FIRE AND EMS

Town of Groton, Massachusetts
CAPITAL PLAN
Fiscal Years 2019 - 2024

		APPROVED						
Page	Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Five Year Total Funding Source
FIRE AND EMS								
1	Engine 5 Refurbishment			\$ 225,000			\$ 225,000	Capital Asset
2	Service 1 Replacement		\$ 60,000				\$ 60,000	EMS Fund
3	Engine 3 Replacement		\$ 140,875	\$ 139,655	\$ 137,215	\$ 132,335	\$ 126,880	\$ 676,960 EMS Fund
4	Engine 1 Refurbishment				\$ 225,000			\$ 225,000 Capital Asset
5	Ambulance 2 Replacement			\$ 325,000				\$ 325,000 EMS Fund
6	Forestry 4 Replacement					\$ 155,000		\$ 155,000 Capital Asset
7	Command Vehicle					\$ 65,000		\$ 65,000 Capital Asset
8	Ambulance 1 Replacement						\$ 325,000	\$ 325,000 EMS Fund
Subtotal		\$ -	\$ 200,875	\$ 689,655	\$ 362,215	\$ 352,335	\$ 451,880	\$ 2,056,960

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **ENGINE 5 REFURBISHMENT**Department: **FIRE/EMS**Reason for Need:

Engine 5 is a truck that is currently in good condition thus making it a prime candidate for refurbishment. This apparatus would be well served to undergo a refurbishment at the 10-12 year mark of its life in order to extend the overall life by around 15 years. Proactive refurbishment can save significant money on major unexpected repairs and lengthen the life of the truck.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA		\$ 225,000				\$ 225,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ 225,000	\$ -	\$ -	\$ -	\$ 225,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **SERVICE 1 REPLACEMENT**Department: **FIRE/EMS**Reason for Need:

The service truck is used by the duty staff to answer lower priority calls during the day and night hours. By utilizing the service truck, it saves the number of times that larger apparatus need to respond to emergencies. Having a couple smaller vehicles ultimately prolongs the life of front line apparatus thus saving maintenance and replacement costs.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	EMS	\$ 60,000					\$ 60,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **ENGINE 3 REPLACEMENT**Department: **FIRE/EMS**

Reason for Need:

The second major reduction in the fleet will occur with the replacement of Engine 3 and Rescue 1. Like the Ladder and Engine 2, a truck can be designed to meet the multi-role aspect of today and tomorrow's fire service. At a cost today of \$558,000 the rescue-pumps of the future allow incredible multi-role capability that will work equally well at fighting fires, but also be able to carry the equipment seen on a conventional rescue truck. The replacement of these two trucks separately would cost \$875,000 or more yielding a significant savings in capital costs.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	EMS	\$ 140,875	\$ 139,655	\$ 137,215	\$ 132,335	\$ 126,880	\$ 676,960
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 140,875	\$ 139,655	\$ 137,215	\$ 132,335	\$ 126,880	\$ 676,960

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **ENGINE 1 REFURBISHMENT**Department: **FIRE/EMS**Reason for Need:

Engine 1 is a truck that is currently in good condition thus making it a prime candidate for a refurbishment to extend its life. Due to its level of use, the refurbishment would be best served earlier than with other apparatus to minimize corrosion caused by salt and other weather. This apparatus would be well served to undergo a refurbishment to extend its life in the FY2022 timeframe. Proactive refurbishment before major issues occur can save significant money on major unexpected repairs and lengthen the life of the truck.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA			\$ 225,000			\$ 225,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ 225,000	\$ -	\$ -	\$ 225,000

Sources of Funds Legend:

(OR) Operating Revenues	(CA) Capital Asset Fund	(EMS) EMS Fund Fees	(SE) Sewer Enterprise Fund Fees
(GB) General Obligation Bond	(ST) Stabilization Fund	(FC) Free Cash/Other	(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **Ambulance 2**Department: **FIRE/EMS**Reason for Need:

A-2 is a 2012 ambulance that is due for regular replacement in FY2021.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	EMS		\$ 325,000				\$ 325,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ 325,000	\$ -	\$ -	\$ -	\$ 325,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **FORESTRY 4**Department: **FIRE/EMS**Reason for Need:

Forestry 4 is a 1993 military surplus vehicle that is becoming harder to find the parts to repair the vehicle. This vehicle should be replaced with another military excess vehicle (if available) that is outfitted appropriately.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study							\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA				\$ 155,000		\$ 155,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ -	\$ 155,000	\$ -	\$ 155,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **COMMAND VEHICLE**Department: **FIRE/EMS**Reason for Need:

Command vehicle that the Chief uses for emergency response and management of incidents.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA				\$ 65,000		\$ 65,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ 65,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **Ambulance 1**Department: **FIRE/EMS**

Reason for Need:

Ambulance 1 will be due for replacement in 2024. The Department should continue to replace ambulances approximately every 3 years.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	EMS					\$ 325,000	\$ 325,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ 325,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan



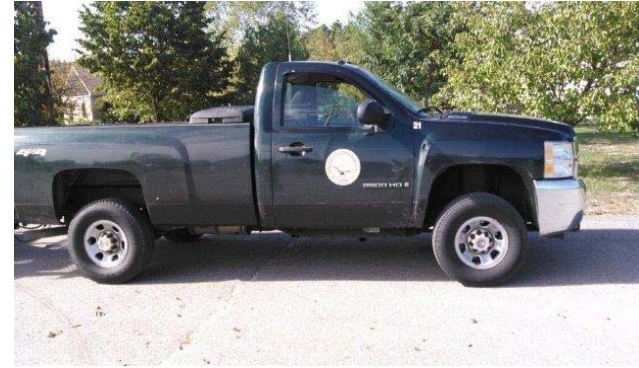
HIGHWAY

Town of Groton, Massachusetts
CAPITAL PLAN
Fiscal Years 2019 - 2024

		APPROVED						
Page	Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Five Year Total Funding Source
HIGHWAY								
9	Pick-Up Trucks	\$ 40,000		\$ 40,000		\$ 40,000		\$ 80,000 Capital Asset
10	Brush Mower/Field Mower		\$ 45,000					\$ 45,000 Capital Asset
11	Intermediate Truck			\$ 60,000		\$ 75,000		\$ 135,000 Capital Asset
12	Dump Truck	\$ 40,000	\$ 40,000	\$ 40,000	\$ 80,000	\$ 80,000	\$ 40,000	\$ 280,000 Capital Asset
13	Backhoe		\$ 95,000					\$ 95,000 Capital Asset
14	Highway Building Upgrade	\$ 230,000	\$ 4,000,000					\$ 4,000,000 Bond
15	Loader						\$ 180,000	\$ 180,000 Capital Asset
Subtotal		\$ 310,000	\$ 4,180,000	\$ 140,000	\$ 80,000	\$ 195,000	\$ 220,000	\$ 4,815,000

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **PICK-UP TRUCK**Department: **HIGHWAY**Reason for Need:

These are scheduled replacements. The average life of a pick-up truck is approximately 7 years. By replacing one vehicle every couple of years, this will allow the fleet to stay in good shape. They are front line pick-ups used for day to day operations as well as snow plowing.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		-					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA		\$ 40,000		\$ 40,000		\$ 80,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ 40,000	\$ -	\$ 40,000	\$ -	\$ 80,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: **BRUSH MOWER/FIELD MOWER**

Department: **HIGHWAY**

Reason for Need:

This item is scheduled for replacement in 2020 while it still has value. The proposed price is half the cost of the equipment. This should be considered normal replacement of equipment.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA	\$ 45,000					\$ 45,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
 (GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **INTERMEDIATE TRUCK**Department: **HIGHWAY**Reason for Need:

This size truck was introduced into the Town's fleet a couple of years ago to save wear and tear on the dump trucks and pickup trucks by not overloading them. This has worked out very well. They are used almost daily for tasks such as patching and road construction projects right up to plowing roads. They do not have sanders on them, just plows. They take up less room and eliminate the need for a large vehicle which makes it safer for the employees as well as the motoring public. The scheduled replacement vehicles will be 15 years old at the time of replacement.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA		\$ 60,000		\$ 75,000		\$ 135,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ 60,000	\$ -	\$ 75,000	\$ -	\$ 135,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **DUMP TRUCK**Department: **HIGHWAY**Reason for Need:

These vehicles will be scheduled replacements of front line trucks responsible for plowing and sanding as well as normal construction duties. The truck that was replaced in FY 2019 will be determined at the time of replacement, as will the truck in FY 2022. The anticipated cost of replacement for each one of these trucks is \$185,000. It is proposed that the Town borrow the funds through State House notes and pay off the debt over five years.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA	\$ 40,000	\$ 40,000	\$ 80,000	\$ 80,000	\$ 40,000	\$ 280,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 40,000	\$ 40,000	\$ 80,000	\$ 80,000	\$ 40,000	\$ 280,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **BACK HOE**Department: **HIGHWAY**Reason for Need:

This will be a scheduled replacement of a front line piece of equipment. It is used almost daily for tasks ranging from loading trucks, installing pipes and catch basins, tree work and plowing snow. The machine to be replaced will be 17 years old at this time. It is essential to have this machine as reliable and safe as possible as it is used over the road and works across and in the road daily.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA	\$ 95,000					\$ 95,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ 95,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **BUILDING UPGRADE**Department: **HIGHWAY**

Reason for Need:

The current Highway Garage was constructed in 1989. Due to budgetary constraints, the facility was reduced in size and scope and is need of an upgrade, similar to upgrades at the Police Station and Senior Center. In FY 2019, the Town hired a consultant to review the building and conduct a feasibility study that would propose necessary upgrades. Based on the results of the feasibility study, the Town would seek construction funding through a general obligation bond in FY 2020.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	GB	\$ 4,000,000					\$ 4,000,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 4,000,000	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **LOADER**Department: **HIGHWAY**

Reason for Need:

The current loader is a 1995 model and will be 25 years old in 2024 when it would be scheduled for replacement. This is an important piece of equipment for the Highway Department as it performs many functions, including snow removal operations. This should be considered a scheduled replacement.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study							\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA					\$ 180,000	\$ 180,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ 180,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan



TOWN MUNICIPAL FACILITIES

Town of Groton, Massachusetts
CAPITAL PLAN
Fiscal Years 2019 - 2024

		APPROVED								
Page	Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Five Year Total	Funding Source	
TOWN MUNICIPAL FACILITIES										
16	IT Infrastructure/Computer Purchase	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000	Capital & General	
17	Public Safety Dispatch (Update)	\$ 60,000	\$ 60,000					\$ 60,000	Capital Asset	
	Enclose Second Floor Meeting Room	\$ 50,000						\$ -	Capital Asset	
18	Municipal Buildings Exterior Repairs	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000	Capital Asset	
19	Paint Police Station/Roof Repairs		\$ 20,000	\$ 50,000				\$ 70,000	Capital Asset	
20	Country Club Roof			\$ 50,000				\$ 50,000	Capital Asset	
21	Police Station HVAC					\$ 65,000		\$ 65,000	Capital Asset	
22	Prescott School				\$ 5,000,000			\$ 5,000,000	CPA/Bond	
Subtotal		\$ 175,000	\$ 145,000	\$ 165,000	\$ 5,065,000	\$ 130,000	\$ 65,000	\$ 5,570,000		

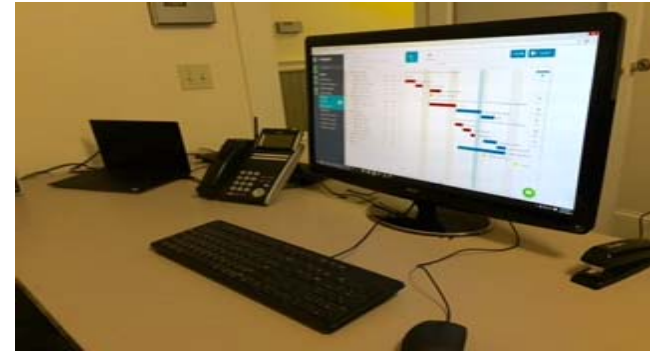
TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: **IT INFRASTRUCTURE/COMPUTER PURCHASE**

Department: **TOWN MUNICIPAL FACILITIES**

Reason for Need:

This item in the Capital Budget was established six years ago and has been very successful. In Fiscal Year 2020, the following items will be purchased/upgraded with this allocation: Ten (10) new computers; replace aging servers and storage arrays with newer equipment; investment to expand the network and keep equipment and maintenance costs current; and network switch upgrades and increased wireless coverage.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study							\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA/OR	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
 (GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: **PUBLIC SAFETY DISPATCH (UPDATE)**

Department: **TOWN MUNICIPAL FACILITIES**

Reason for Need:

The Public Safety Dispatch center was recently upgraded and remodeled in FY 2010 with Grant funds obtained by the Town. In order to keep the Public Safety Dispatch Center up to date and current, it was proposed that another update/remodel take place in 2018. Town Meeting has appropriated \$120,000 over the last two Fiscal Years for this purpose. In an effort to continue to update and improve the facility, the Chief of Police has requested one additional appropriation of \$60,000 in FY 2020. It would be the Town's intention to apply for further Public Safety Grants to pay for this update, but it needs to be planned for in the Capital Improvement Plan.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	CA	\$ 60,000					\$ 60,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL		\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Sources of Funds Legend:

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: Municipal Building Exterior Repairs

Department: **TOWN MUNICIPAL FACILITIES**

Reason for Need:

This appropriation will be used to continue to maintain all municipal buildings by performing various maintenance activities to prevent major breakdowns in our municipal building infrastructure. Priorities continue to change when it comes to the minor repairs and upgrades in our municipal buildings. With a set line item which is separate from minor capital, we can be flexible and change our priorities instead of just doing it because it is on a list. Furnaces, a/c units, flooring and painting are some of the small items this capital program could handle with the flexibility we need.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	CA	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
 (GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: **PAINT POLICE STATION/ROOF REPAIRS**

Department: **TOWN MUNICIPAL FACILITIES**

Reason for Need:

The Police Station was painted seven years ago. It is scheduled to be repainted in Fiscal Year 2020. This will help maintain the building and add to its longevity. In addition, the roof of the building will need to be replaced as it is coming up on 25 years since it was first constructed.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	CA	\$ 20,000	\$ 50,000				\$ 70,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 20,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 70,000

Sources of Funds Legend:

(OR) Operating Revenues	(CA) Capital Asset Fund	(EMS) EMS Fund Fees	(SE) Sewer Enterprise Fund Fees
(GB) General Obligation Bond	(ST) Stabilization Fund	(FC) Free Cash/Other	(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **COUNTRY CLUB ROOF**Department: **TOWN MUNICIPAL FACILITIES**Reason for Need:

This is going to be a needed replacement of the roof on the main building. The Tavern Building's roof was repaired 3 years ago. The back of the main building is in reasonable shape, but the front of the building is need of replacement.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	CA		\$ 50,000				\$ 50,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **POLICE STATION HVAC**Department: **TOWN MUNICIPAL FACILITIES**Reason for Need:

The current HVAC System at the Police Station is the original system from when the Building was constructed in 1999. In 2023 it will be almost 25 years old and in need of replacement. This should be considered a scheduled replacement.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	CA				\$ 65,000		\$ 65,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ 65,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
(GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **PRESCOTT SCHOOL**Department: **TOWN MUNICIPAL FACILITIES**Reason for Need:

There have been several studies conducted on the Prescott School that have outlined the many needs for the Prescott School Building. Improvements to the electrical system, HVAC, accessibility and other improvements are necessary to bring the building up to code and for any potential reuse. Several CPA grants to improve accessibility and other systems have been done on a limited basis over the past few years, but a total renovation is still needed. Estimates for this kind of work has been in the \$5,000,000 range. Since the Prescott School is an historic structure, CPA Funds may be able to be used for this purpose once Surrenden Farm is paid off. Therefore, we are estimating that this work will be done in FY 2022.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	GB			\$ 5,000,000			\$ 5,000,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ 5,000,000	\$ -	\$ -	\$ 5,000,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees



TRANSFER STATION

Town of Groton, Massachusetts
CAPITAL PLAN
Fiscal Years 2019 - 2024

		APPROVED							
Page	Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Five Year Total	Funding Source
TRANSFER STATION									
23	Tractor Trailer Unit/Trash Trailer	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000			\$ 120,000	Capital Asset
24	Baler			\$ 60,000			\$ 70,000	\$ 130,000	Capital Asset
25	Fork Lift/Mini Loader				\$ 60,000			\$ 60,000	Capital Asset
Subtotal		\$ 40,000	\$ 40,000	\$ 100,000	\$ 100,000	\$ -	\$ 70,000	\$ 310,000	

TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: **TRACTOR TRAILER UNIT/TRASH TRAILER**

Department: **TRANSFER STATION**

Reason for Need:

This will be a scheduled replacement of the existing 2004 Mack Tractor. This is the primary unit that hauls the trash and recycled materials to market. The current tractor will go to the Highway Department and be converted to a large sand truck. It is anticipated that the current 10 wheel truck at Highway, will fund the conversion. The anticipated cost of replacement for this tractor is \$140,000. It is proposed that the Town borrow the funds through State House notes and pay off the debt over four years.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study							\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA	\$ 40,000	\$ 40,000	\$ 40,000			\$ 120,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 40,000	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 120,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
 (GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **BALER**Department: **TRANSFER STATION**Reason for Need:

Current baler is a 2004 and has been rebuilt twice. This is the second highest used baler we have and is a necessity to keep producing marketable material. A rebuild may be possible, but will have to wait until we get there. Scheduled replacement is in 2021. The second baler is an older model that will need to be replaced in FY 2024.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA		\$ 60,000			\$ 70,000	\$ 130,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ 60,000	\$ -	\$ -	\$ 70,000	\$ 130,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **FORK LIFT/MINI LOADER**Department: **TRANSFER STATION**Reason for Need:

This is a vital piece of equipment at the transfer station. It is used to load the two balers located at the facility. In addition, it is used to move the various recyclables around the facility. This piece of equipment is a work horse and this should be considered a scheduled replacement.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA			\$ 60,000			\$ 60,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan



LIBRARY

Town of Groton, Massachusetts
CAPITAL PLAN
Fiscal Years 2019 - 2024

		APPROVED						
Page	Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Five Year Total Funding Source
LIBRARY								
26	Carpet Replacement				\$ 30,000		\$ 30,000	Capital Asset
	Emergency Exit Walkway Safety Improve	\$ 40,000					\$ -	Capital Asset
27	New Roofing and Drainage Systems		\$ 1,125,000					1,125,000 Bond
28	Upgrade Building Alarm System			\$ 20,000				\$ 20,000 Capital Asset
29	Repaint Library Interior				\$ 60,000			\$ 60,000 Capital Asset
30	Redo Interior Lighting					\$ 40,000		\$ 40,000 Capital Asset
31	Reconstruct Parking Lot			\$ 80,000				\$ 80,000 Capital Asset
32	AV System for Sibley Hall						\$ 25,000	\$ 25,000 Capital Asset
Subtotal		\$ 40,000	\$ 1,125,000	\$ 100,000	\$ 90,000	\$ 40,000	\$ 25,000	\$ 1,380,000

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **CARPET REPLACEMENT**Department: **LIBRARY**Reason for Need:

The carpeting was replaced in Children's Room and Meeting Rooms Sibley Hall and the Community Room in FY2009 (our busiest rooms.) In FY 2022, these carpets will be 12 years old & expected life is 10 years.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA			\$ 30,000			\$ 30,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
(GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: **New Roofing, Drainage System and Water Protection**

Department: **Library**

Reason for Need:

We knew there were water and ice dam issues, but were told they were related to the gutters being undersized, not tying together, and poor flashings. Water infiltration into the building was visible through exterior efflorescence in the 1999 building and in the ice dams in the eaves in the 1893 building. Only when the building envelope assessment was completed did we understand the extent the entire needs for this building. This project would address all envelope issues at the same time: new slate roof (1893 & 1999 bldgs); new rubber roof (HVAC); new copper gutters, downspouts; new snow & ice shield; new snow guard system; new 1999 skylights; protect 1893 skylight; exterior masonry repointing, sealing, and adding joints; exterior window re-sealing & repair.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	GB	\$ 1,125,000					\$ 1,125,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 1,125,000	\$ -	\$ -	\$ -	\$ -	\$ 1,125,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
 (GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: **UPGRADE BUILDING ALARM SYSTEM**

Department: **LIBRARY**

Reason for Need:

The building alarm system was installed in 1999 and will be 22 years old in FY 2021. A Wayne Alarm Tech said that we have the technology for a "smart" system, but are running a "dumb" system instead. If a motion sensor goes off, the alarm only tells us which floor it is on, not which sensor. We continue to receive numerous false alarms every year. (Memorial Day weekend 2016, the alarm went off Saturday night, Sunday night, and Monday night. The Groton Police Dept. asked us to please do something about this.) Upgrading to a "smart" system would not only give us a lot more data with which to assess if there is an issue of a break-in or not, but the new sensors today are much less prone to false alarms.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		-					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA		\$ 20,000				\$ 20,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000

Sources of Funds Legend:

(OR) Operating Revenues	(CA) Capital Asset Fund	(EMS) EMS Fund Fees	(SE) Sewer Enterprise Fund Fees
(GB) General Obligation Bond	(ST) Stabilization Fund	(FC) Free Cash/Other	(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -

PROJECT DETAIL SHEET

Project Title: **REPAINT LIBRARY INTERIOR**

Department: **LIBRARY**

Reason for Need:

The entire library (17,000 sq. ft.) was last painted in 1999. While we keep on top of maintenance, after a quarter century, it will be time for a fresh coat of paint on all ceilings and walls, door jams, and interior window trim. The present interior color scheme was decided upon the 1990's, and while it is still beautiful, it has started to look a little dated. It will be good to update in the not-too-distant future.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study							\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	CA			\$ 60,000			\$ 60,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
 (GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **REDO INTERIOR LIGHTING**Department: **LIBRARY**

Reason for Need: The lighting was last done in 1999 with the building renovation and expansion. By FY2022, the fixtures will all be 22 years old. Many of our lights cannot be retrofitted with LED bulbs, which would amount to a substantial savings in electricity to the Town every year. The Trustees would like to hire a lighting consultant to ensure we optimize the environment for cost savings and comfort for our users, as well as to address current issues, such as pockets of inadequate lighting, the discoloration of the dome lights, and the constant "hum" of the florescent lights (which is particularly noticeable in the quiet study area on the top floor.) The picture shows three common lighting fixtures in the building: long runs of fluorescents, dome lights, and pot lights.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	CA				\$ 40,000		\$ 40,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL		\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000

Sources of Funds Legend:

(OR) Operating Revenues	(CA) Capital Asset Fund	(EMS) EMS Fund Fees	(SE) Sewer Enterprise Fund Fees
(GB) General Obligation Bond	(ST) Stabilization Fund	(FC) Free Cash/Other	(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **RECONSTRUCT LIBRARY PARKING LOT**Department: **LIBRARY**Reason for Need:

The parking lot behind the library has been patched and repaired, but in FY 2021 it will be 22 years old. It is worn, tired, cracking, not draining water properly, and becoming uneven in spots. It will need a full and complete redo in a few years.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		-					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	CA		\$ 80,000				\$ 80,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000

Sources of Funds Legend:

(OR) Operating Revenues	(CA) Capital Asset Fund	(EMS) EMS Fund Fees	(SE) Sewer Enterprise Fund Fees
(GB) General Obligation Bond	(ST) Stabilization Fund	(FC) Free Cash/Other	(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **A/V INSTALLATION, SIBLEY HALL**Department: **LIBRARY****Reason for Need:**

Sibley Hall is GPL's largest multi-purpose room, but it lacks an a/v system. We have a projector, DVD player, small speakers, and a laptop connection on a rickety cart that rolls out to the center of the room (taking up valuable floor space.) What is needed: a ceiling-mounted projector, a new retractable screen (the current one is 20 years old and looks it), out-of-the-way-yet-always-available equipment access, and a wall/ceiling-mounted surround sound system with assistive devices for the hearing impaired and microphones for speakers. GPL is outstanding in terms of the # and variety of programs we offer, but the poor a/v detracts far too often. Additionally, current lighting is basic; we need appropriate art track lighting (Sibley is also our art gallery) and a variety of lighting options to adapt to all the uses of this room, from movie nights to computer labs to theatre

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study							\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment	CA					\$ 25,000	\$ 25,000
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL		\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan



PARKS

Town of Groton, Massachusetts
CAPITAL PLAN
Fiscal Years 2019 - 2024

		APPROVED							
Page	Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Five Year Total	Funding Source
PARKS									
33	Property Improvements		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	100,000	Capital Asset
Subtotal		\$ -	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 100,000	

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **PROPERTY IMPROVEMENTS**Department: **PARK COMMISSION**Reason for Need:

The Park Commission has been working over the past several years developing a strategy to address deficiencies in the various Park Department Properties located throughout Groton. They have requested an every other year appropriation to begin to address these issues. By appropriating \$25,000 each year for five years, the Park Commission can develop a capital improvement program that will allow them to keep our various park locations in good shape and avoid a major construction project. This plan began in FY 2015 and has proven to be very successful.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	CA		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 100,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 100,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan



POLICE

Town of Groton, Massachusetts
CAPITAL PLAN
Fiscal Years 2019 - 2024

		APPROVED								
Page	Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Five Year Total	Funding Source	
POLICE										
34	Police Cruisers	\$ 92,458	\$ 109,845	\$ 113,140	\$ 116,535	\$ 120,031	\$ 123,632	\$ 583,182	Capital Asset	
35	Police Pick-Up Truck			\$ 43,000				\$ 43,000	Capital Asset	
Subtotal		\$ -	\$ 109,845	\$ 156,140	\$ 116,535	\$ 120,031	\$ 123,632	\$ 626,182		

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **POLICE CRUISERS**Department: **POLICE DEPARTMENT**Reason for Need:

Purchase of two police cruisers and related equipment for replacement of cruisers that are no longer cost effective to maintain. This allows for lesser mileage per year, better maintenance scheduling, assignment of cars to officers and for a programmed replacement schedule that insures line cars are rotated out at reasonable mileage and wear. Un-marked cars are rotated in the same fashion.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA	\$ 109,845	\$ 113,140	\$ 116,534	\$ 120,031	\$ 123,632	\$ 583,183
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 109,845	\$ 113,140	\$ 116,534	\$ 120,031	\$ 123,632	\$ 583,183

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **POLICE PICK-UP TRUCK**Department: **POLICE DEPARTMENT**Reason for Need:

This piece of equipment will benefit the department in that, as a multi-purpose vehicle with a four wheel drive platform, it can be utilized for snow removal, specialized equipment transport, provide accessibility to remote areas, and it will give us the ability to evacuate people in emergencies. Also can be used to assist Emergency Management with transportation of generators and shelter equipment.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA		\$ 43,000				\$ 43,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ 43,000	\$ -	\$ -	\$ -	\$ 43,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan



COUNTRY CLUB

Town of Groton, Massachusetts
CAPITAL PLAN
Fiscal Years 2019 - 2024

		APPROVED							
Page	Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Five Year Total	Funding Source
GROTON COUNTRY CLUB									
36	Golf Carts		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 100,000	Capital Asset
	Replace Irrigation Pump and Lines	\$ 23,000						\$ -	Capital Asset
37	Parking Lot Improvements				\$ 10,000	\$ 10,000		\$ 10,000	Capital Asset
38	Pool Improvements		\$ 15,000		\$ 10,000			\$ 25,000	Capital Asset
39	Cart Path Repairs		\$ 10,000					\$ 10,000	Capital Asset
40	Triplex - Greens Mower	\$ 5,100	\$ 5,100	\$ 5,100				\$ 10,200	Capital Asset
Subtotal		\$ 28,100	\$ 30,100	\$ 30,100	\$ 35,000	\$ 35,000	\$ 25,000	\$ 155,200	

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **GOLF CARTS**Department: **GROTON COUNTRY CLUB**Reason for Need:

Five years ago, we replaced the fleet of twenty-five golf carts with new 2012 Club Car DS gas powered carts using a five year lease to purchase agreement at an annual cost of approximately \$20,000. Beginning in FY 2021, the Club will need to replace the Carts in the same manner.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 100,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 100,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: **PARKING LOT IMPROVEMENTS**

Department: **GROTON COUNTRY CLUB**

Reason for Need:

The Club's parking lot is in need of resurfacing and striping.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		-					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	CA				\$ 10,000		\$ 10,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ -	\$ 10,000	\$ -	\$ 10,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
 (GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**

Project Title: POOL IMPROVEMENTS

Department: GROTON COUNTRY CLUB

Reason for Need:

The pool area will require a number of new items in the near future: Diving Board, repainting of pool, repairs to the deck, Slide, Filter Housing, Playground, Spray Pad.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA	\$ 15,000		\$ 10,000			\$ 25,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 15,000	\$ -	\$ 10,000	\$ -	\$ -	\$ 25,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **CART PATH**Department: **GROTON COUNTRY CLUB**Reason for Need:

Most of the existing golf carts paths are in terrible shape and need to be graded, repaired and repaved to ensure safe access to the course.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	CA	\$ 10,000					\$ 10,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **TRIPLEX - GREENS MOWER**Department: **GROTON COUNTRY CLUB**Reason for Need:

The Club owns two triplex mowers. One is used to cut the greens. The other is used to cut the tees and collars around the greens. The greens are cut every day in addition to the tees and collars every other day. When this mower is not operating and needs repair, which is a regular occurrence, the Club has no backup to use. All courses have a backup greens mower. The greens must be cut daily or problems such as disease become manifest. FY 2020 is payment 4 of the five year lease.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA	\$ 5,100	\$ 5,100				\$ 10,200
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 5,100	\$ 5,100	\$ -	\$ -	\$ -	\$ 10,200

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan



WATER, SEWER AND REGIONAL SCHOOL DEPARTMENT

Town of Groton, Massachusetts
CAPITAL PLAN
Fiscal Years 2019 - 2024

WATER, SEWER AND REGIONAL SCHOOL DEPARTMENT

		APPROVED								
Page	Description	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Five Year Total	Funding Source	
WATER										
41	Water Meter Replacement Program	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000			\$ 225,000	Water Revenue	
42	Shattuck Well				\$ 3,300,000			\$ 3,300,000	Water Revenue	
Subtotal		\$ 75,000	\$ 75,000	\$ 75,000	\$ 3,375,000	\$ -	\$ -	\$ 3,525,000		
SEWER										
43	Lost Lake Sewer System						\$ 14,500,000	\$ 14,500,000	Sewer Betterments	
44	Wastewater Treatment Plant Upgrades		\$ 1,250,000					\$ 1,250,000	Sewer Revenue	
Subtotal		\$ -	\$ 1,250,000	\$ -	\$ -	\$ -	\$ 14,500,000	\$ 15,750,000		
REGIONAL SCHOOL DEPARTMENT										
45	Annual Regional School Capital	\$ 425,425	\$ 479,011	\$ 368,472	\$ 445,894	\$ 554,878	\$ 553,408	\$ 2,401,663	GDRSD Capital	
46	Florence Roche Elementary School				\$ 65,000,000			\$ 65,000,000	Bond	
Subtotal		\$ 425,425	\$ 479,011	\$ 368,472	\$ 65,445,894	\$ 554,878	\$ 553,408	\$ 67,401,663		
Capital Improvement Program Total		\$ 500,425	\$ 1,804,011	\$ 443,472	\$ 68,820,894	\$ 554,878	\$ 15,053,408	\$ 86,676,663		

TOWN OF GROTON CAPITAL PLAN -**PROJECT DETAIL SHEET**Project Title: **WATER METERS**Department: **GROTON WATER DEPARTMENT**

Reason for Need:

The Groton Water Department is replacing its Drive-by Meter Reading System with the State of the Art radio system using cell towers. The meter replacements need to be made on a 10 - 15 year cycle.

**RECOMMENDED FINANCING**

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study							\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							\$ -
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	WE	\$ 75,000	\$ 75,000	\$ 75,000			\$ 225,000
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 75,000	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ 225,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: **SHATTUCK WELL**

Department: **GROTON WATER DEPARTMENT**

Reason for Need:

This Capital Project involves the re-development of a drinking water source supply in order to increase the Town's municipal drinking water resources. This re-developed source of supply involves the placement of two new wells on land already under the control of the Groton Water Department and is in close proximity to the exiting Baddacook Pond Facility where it can be treated for iron and manganese as originally planned in 2002. Minimal infrastructure improvements are required for this project with treatment at the Baddacook Facility. The Shattuck Well re-development needs to be carefully reviewed before commencing with this project.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study							\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	WE			\$ 3,300,000			\$ 3,300,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ 3,300,000	\$ -	\$ -	\$ 3,300,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
 (GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -

PROJECT DETAIL SHEET

Project Title: **LOST LAKE SEWER SYSTEM**

Department: **GROTON SEWER DEPARTMENT**

Reason for Need:

This Capital Expenditure is for the proposed installation of a Low Pressure Sewer System for the area in and around Lost Lake. It is anticipated that sewer collection system will conservatively alleviate approximately 25% of the nutrient loading occurring at Lost Lake. The proposed Sewer System will be pumped to the Town of Ayer for treatment through an Inter-municipal Agreement. The connection to the Ayer Wastewater Collection System will allow the Four Corners Commercial Zone to be connected to the sewer system as well. In Fiscal 2023, it is anticipated that the design work will commence and will include all of the required permitting for the project at the local and the state level. In Fiscal 2023 and Fiscal 2024 it is anticipated the construction will commence for the Lost Lake Sewer Project and will be borrowed over two Fiscal Years. The Total Project costs will not exceed 15,000,000.00. Municipal water is not part of this project.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study							\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	SE					\$ 14,500,000	\$ 14,500,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ -	\$ -	\$ 14,500,000	\$ 14,500,000

Sources of Funds Legend:

(OR) Operating Revenues

(CA) Capital Asset Fund

(EMS) EMS Fund Fees

(SE) Sewer Enterprise Fund Fees

(GB) General Obligation Bond

(ST) Stabilization Fund

(FC) Free Cash/Other

(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN -

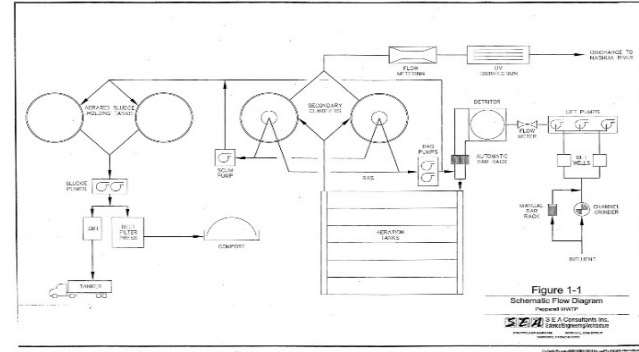
PROJECT DETAIL SHEET

Project Title: **LOST LAKE SEWER SYSTEM**

Department: **GROTON SEWER DEPARTMENT**

Reason for Need

This Capital Expenditure is for the proposed wastewater treatment plant upgrades required for Groton and Pepperell to meet the treatment of effluent under the new discharge permit being issued by the U.S.E.P.A. The plant upgrades will include, but not limited to, the treatment of the phosphate effluent, post treatment, to the Nashua River. These limits are spelled out in our N.P.D.E.S Permit. The total estimated preliminary cost is five million dollars and Groton's share is 25% or one million two hundred fifty thousand dollars.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	SE	\$ 1,250,000					\$ 1,250,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	\$ 1,250,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
 (GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: GDRSD ANNUAL CAPITAL ASSESSMENT

Department: GROTON DUNSTABLE REGIONAL SCHOOL DISTRICT

Reason for Need

The Groton Dunstable Regional School District Committee has adopted a long-range Capital Plan to address its capital needs. This detailed plan will require a substantial financial contribution from both Groton and Dunstable over the next several years. At the 2017 Fall Town Meeting, a Town held Capital Stabilization Fund for the School District was created. This Stabilization Fund will be used to Fund the Town of Groton's Capital Assessment from the School District.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study							\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction							
E. Furnishings and Equipment							\$ -
F. Departmental Equipment	CA	\$ 479,011	\$ 368,472	\$ 445,894	\$ 554,878	\$ 553,408	\$ 2,401,663
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ 479,011	\$ 368,472	\$ 445,894	\$ 554,878	\$ 553,408	\$ 2,401,663

Sources of Funds Legend:

(OR) Operating Revenues	(CA) Capital Asset Fund	(EMS) EMS Fund Fees	(SE) Sewer Enterprise Fund Fees
(GB) General Obligation Bond	(ST) Stabilization Fund	(FC) Free Cash/Other	(WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan

TOWN OF GROTON CAPITAL PLAN - PROJECT DETAIL SHEET

Project Title: Florence Roche Elementary School Replace/Renovate

Department: **GROTON DUNSTABLE REGIONAL SCHOOL DISTRICT**

Reason for Need

The Florence Roche Elementary School is in need of major repairs, renovations or replacement. The Groton Dunstable Regional School Committee has authorized the expenditure of \$750,000 to conduct a Feasibility Study for this purpose. A Building Committee has been established to work on this project and bring a final resolution to both the Towns of Groton and Dunstable. This Committee will recommend a course of action to the Regional School Committee and both Towns will need to approve the expense. This project is eligible to receive Massachusetts School Building Assistance Funding to help offset some of the expense.



RECOMMENDED FINANCING

	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL COST
A. Feasibility Study		.					\$ -
B. Design							\$ -
C. Land Acquisition							\$ -
D. Construction	GB			\$ 65,000,000			\$ 65,000,000
E. Furnishings and Equipment							\$ -
F. Departmental Equipment							\$ -
G. Contingency							\$ -
H. Other							\$ -
TOTAL:		\$ -	\$ -	\$ 65,000,000	\$ -	\$ -	\$ 65,000,000

Sources of Funds Legend:

(OR) Operating Revenues (CA) Capital Asset Fund (EMS) EMS Fund Fees (SE) Sewer Enterprise Fund Fees
 (GB) General Obligation Bond (ST) Stabilization Fund (FC) Free Cash/Other (WE) Water Enterprise Fund Fees

FY 2020 - FY 2024

Capital Plan



**TOWN BUILDINGS
TEN YEAR LOOKOUT
FICAL YEARS 2025 - 2029**



Town Manager
Mark W. Haddad

TOWN OF GROTON

173 Main Street
Groton, Massachusetts 01450-1237
Tel: (978) 448-1111
Fax: (978) 448-1115

Select Board

Barry A. Pease, *Chairman*
Alison S. Manugian, *Vice-Chairman*
John R. Giger, *Clerk*
Joshua A. Degen, *Member*
Rebecca H. Pine, *Member*

This is a new section in the Fiscal Year 2020 Proposed Capital Plan. As part of our review of departmental capital needs over the next five fiscal years, an additional review was done of all Municipal Buildings on anticipated needs from Fiscal Year 2025 through Fiscal Year 2029. The following is a summary of those needs by building, along with anticipated costs:

LIBRARY

FY2025: \$20,000 to Replace All Window Blinds/Screens

- Replace all window blinds/screens and hardware. The library has 40 windows. Hardware is already going on high use blinds/screens. These are needed to block direct sun (esp. west) in staff and public areas; otherwise people can't see to work.

FY2026: \$30,000 for Equipment

- Replace Power Assist Door Systems on Main/Rear Entrance Doors (\$10,000) – lifespan 10 years.
- Replace 2 Copiers (\$10,000) – 1 for the public, 1 for staff (lifespan 8 years; FY 2026 will be year 11)
- Replace 2 Drive-Up Book Returns (\$10,000) – they will be 10 years old and exposed 24/7/365 to all New England weather and temperatures

FY2027: \$20,000: Exterior Improvements

- Replace Exterior Signs (\$10,000)
- Redo Front Exterior Lighting (\$10,000)

FY2028: \$80,000 for 7 HVAC Rooftop Units

- Replace HVAC (15-year lifespan) – 6 rooftop units replaced in FY14 & FY15 (7 total RTUs; 1 unit not replaced because it had a mechanical overhaul in 2011 after failing)

FY2029: \$80,000: Replace Elevator

- The Elevator will be 30 years old in 2029 and at the end of its expected lifespan. The steel parts do not need to be replaced, but eventually replacing all mechanical systems, the controller, etc., will be necessary (Stanley Elevator estimates the project at \$70-75K, but that's in costs today)

TOTAL ANTICIPATED COST FOR LIBRARY: \$230,000

TOWN HALL

FY2025: \$33,000

- Replace carpets, replace boilers, interior painting and interior lighting replacement (to be done over five years).

FY2026: \$24,000

- Replace heating zone valves, roof repairs, window replacement/repairs, exterior and interior lighting replacement.

FY2027: \$8,000

- Replace carpets, interior painting and interior lighting.

FY2028: \$4,000

- Roof repairs and interior lighting.

FY2029: \$14,000

- Replace carpets, replace heating zone valves and interior lighting.

TOTAL ANTICIPATED COST FOR TOWN HALL: \$83,000

POLICE STATION

FY2025: \$88,000

- New hazardous and materials locker, door replacements, replace A/C units and replace carpets (to be done over a number of years).

FY2026: \$37,000

- Vehicle charging stations, exterior painting and replace A/C units (to be done over a number of years).

FY2027: \$47,000

- Replace doors and replace A/C units.

FY2028: \$128,000

- Communications Tower, exterior painting and replace carpet.

FY2029: \$26,000

- Fingerprint machine.

TOTAL ANTICIPATED COST FOR POLICE STATION: \$326,000

COUNTRY CLUB

FY2025: \$7,000

- Exterior painting and A/C unit replacement (to be done over two years).

FY2026: \$16,000

- Refinish floors and A/C unit replacement

FY2027: \$34,000

- Replace carpets, exterior painting and window replacement.

FY2028: \$3,000

- Exterior painting.

FY2029: \$0

TOTAL ANTICIPATED COST FOR COUNTRY CLUB: \$60,000

CENTER FIRE STATION

FY2025: \$0

FY2026: \$0

FY2027: \$0

FY2028: \$50,000

- Refinish floors and roof repairs.

FY2029: \$10,000

- Replace Carpets.

TOTAL ANTICIPATED COST FOR CENTER FIRE STATION: \$60,000

LOST LAKE FIRE STATION

FY2025: \$8,000

- Replace boiler.

FY2026: \$3,000

- Exterior Lighting.

FY2027: \$20,000

- Roof repairs.

FY2028: \$50,000

- Refinish floors and roof repairs.

FY2029: \$10,000

- Window repairs/replacement.

TOTAL ANTICIPATED COST FOR LOST LAKE FIRE STATION: \$91,000

LEGION HALL

FY2025: \$40,000

- Exterior painting and roof repairs.

FY2026: \$10,000

- Interior painting.

FY2027: \$0

FY2027: \$0

FY2028: \$0

FY2029: \$0

TOTAL ANTICIPATED COST FOR LEGION HALL: \$50,000

Please note that we have also reviewed the Senior Center, West Groton Fire Station, the Highway Garage (pending new construction) and the Transfer Station, and with the exception of the Senior Center (a proposed parking lot expansion in FY 2026 at the cost of \$300,000), those anticipated repairs/improvements are under \$10,000 per year and can be handled with minor capital appropriations in the Operating Budget. Another building that needs to be considered is the Prescott School. In the five-year Capital Plan (FY 2020 – FY 2024), it is listed for a major renovation in FY 2022. Should that take place, we do not believe any major expenditure on the building would be required between Fiscal Year 2025 and Fiscal Year 2029. It is, therefore, excluded from this summary for that reason.

The following spreadsheet is a summary by building:

Building	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Five Year Total
Library	\$ 20,000	\$ 30,000	\$ 20,000	\$ 80,000	\$ 80,000	\$ 230,000
Town Hall	\$ 33,000	\$ 24,000	\$ 8,000	\$ 4,000	\$ 14,000	\$ 83,000
Police Station	\$ 88,000	\$ 37,000	\$ 47,000	\$ 128,000	\$ 26,000	\$ 326,000
Senior Center	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000
Country Club	\$ 7,000	\$ 16,000	\$ 34,000	\$ 3,000	\$ -	\$ 60,000
Center Fire Station	\$ -	\$ -	\$ -	\$ 50,000	\$ 10,000	\$ 60,000
Lost Lake Fire Station	\$ 8,000	\$ 3,000	\$ 20,000	\$ 50,000	\$ 10,000	\$ 91,000
Legion Hall	\$ 40,000	\$ 10,000	\$ -	\$ -	\$ -	\$ 50,000
	\$ 196,000	\$ 420,000	\$ 129,000	\$ 315,000	\$ 140,000	\$ 1,200,000