

GENERAL FUND CAPITAL PROJECTS

		Project Amount	CIPC Amt.	Operating			Enterprise	Article	Loan	Other	
Department	CIPC Request	As Requested	Approved	Budget	Free Cash	Revolving	Retained Earnings	Turnbacks	Orders	Sources	Totals
Finance - MIS	None	\$0			\$0						\$0
Finance - MIS	Department Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DPW Pub Bldgs	Town Hall Roof Replace Design & Bid	\$100,000			\$100,000						\$100,000
	Plymouth St. Fire Flooring	\$150,000			\$150,000						\$150,000
DPW Pub Bldgs	Department Totals	\$250,000	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
Police	D-2 Vehicle Replacement	\$45,000			\$45,000						\$45,000
Police	Department Totals	\$45,000	\$0	\$0	\$45,000	\$0	\$0	\$0	\$0	\$0	\$45,000
Fire	No Projects Submitted	\$0			\$0						\$0
Fire	Department Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Schools	District-wide Paving & Concrete	\$200,000			\$200,000						\$200,000
Non-MSBA	HS Auditorium Carpet and Paint	\$70,000			\$70,000						\$70,000
Schools	Department Totals	\$270,000	\$0	\$0	\$270,000	\$0	\$0	\$0	\$0	\$0	\$270,000
DPW Admin	Stormwater Permitting Requirements	\$109,000			\$109,000						\$109,000
	N. Main St. & County Final Design	\$345,000							\$345,000		\$345,000
DPW Admin	Department Totals	\$454,000	\$0	\$0	\$109,000	\$0	\$0	\$0	\$345,000	\$0	\$454,000
DPW Highway	Roadway Bridge Maintenance	\$2,000,000			\$0				\$2,000,000		\$2,000,000
	Dump Truck with Snow Plow	\$86,000			\$86,000						\$86,000
DPW Highway	Department Totals	\$2,086,000	\$0	\$0	\$86,000	\$0	\$0	\$0	\$2,000,000	\$0	\$2,086,000
Council on Aging	No Projects Submitted	\$0									\$0
Council on Aging	Department Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Parks & Rec	Plymouth St. Playground Equipment	\$25,000			\$25,000						\$25,000
Parks & Rec	Department Totals	\$25,000	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
	Total General Fund	\$3,130,000	\$0	\$0	\$785,000	\$0	\$0	\$0	\$2,345,000	\$0	\$3,130,000
	Total Available Amounts			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	as of 11/05/2019										
	Surplus/Deficit			\$0	(\$785,000)	\$0	\$0	\$0	(\$2,345,000)	\$0	(\$3,130,000)

ENTERPRISE FUND CAPITAL PROJECTS

Department	CIPC Request	Project Amount As Requested	CIPC Amt. Approved	Operating Budget	Free Cash	Revolving	Enterprise Retained Earnings	Article Turnbacks	Loan Orders	Other Sources	Totals
	OTHER FUND CAPITAL PROJECTS										
MMED	None	\$0								\$0	\$0
MMED	Department Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Total Available Amounts as of 11/05/2019				\$0	\$0	\$0	\$0	\$0	\$2,125,000	\$2,125,000
	Surplus/Deficit			\$0	\$0	\$0	\$0	\$0	\$0	\$2,125,000	\$2,125,000
	Grand Totals All Cap. Projects	\$3,480,000	\$0	\$0	\$785,000	\$0	\$350,000	\$0	\$2,345,000	\$0	\$3,480,000



DEPARTMENT: DPW-PubBldgs/SpecProj

PROJECT LOCATION:

PROJECT:

PRIORITY:

DESCRIPTION:

FISCAL YEAR:

PROJECT COST:

PROPOSED FINANCING:

EXPLANATION:

IMPROVEMENT LIFE:



DEPARTMENT: DPW-PubBdgs/SpecProj

PROJECT LOCATION: Plymouth Street Fire

PROJECT: Flooring

PRIORITY: 2

DESCRIPTION: This request is to replace the flooring in the living areas of the Fire Station that has exceeded its useful life.

FISCAL YEAR: Fall 2020 Special Town Meeting

PROJECT COST: \$ 150,000.00

PROPOSED FINANCING: Free Cash (Unreserved Fund Bal.)

EXPLANATION: Buildings

IMPROVEMENT LIFE: 20 years



DEPARTMENT: POLICE

PROJECT LOCATION: POLICE DEPARTMENT

PROJECT:

CRUISER REPLACEMENT AS PER CHIEF'S PLAN D-2

PRIORITY:

2

DESCRIPTION:

The Police Chief has created a cruiser replacement schedule based on usage and priorities within the Police Department. This project is to replace the vehicles as follows:

D-2 Detective Vehicle - \$45,000

Total = \$45,000.

FISCAL YEAR:

Fall 2020 Special Town Meeting

PROJECT COST:

\$ 45,000.00

PROPOSED FINANCING:

Free Cash

EXPLANATION:

Vehicles

IMPROVEMENT LIFE:

5 years



DEPARTMENT: Mansfield Schools

PROJECT LOCATION: District-Wide

PROJECT: Paving and Concrete work

PRIORITY: 2

DESCRIPTION:

Project Overview:
This capital request is for paving sidewalks and roadways within the district.

Asphalt
Sidewalks: Over 25,000 Square Feet
Parking Lots: Over 125,000 Square Feet

The paving will be a combination of Mill and Over lay, and full depth mill. The asphalt will be per the town specification, and will be performed by the awarded contractor. The majority of work will be Concrete work:
25,000 plus square feet of sidewalk replacement

Project Benefits:
Repair and improve cracks in concrete and asphalt to prevent injuries

FISCAL YEAR: Fall 2020 Special Town Meeting

PROJECT COST: \$200,000

PROPOSED FINANCING: Free Cash (Unreserved Fund Bal.)

EXPLANATION: Infrastructure

IMPROVEMENT LIFE: 10 years



DEPARTMENT: Mansfield Schools

PROJECT LOCATION: High School

PROJECT: Auditorium Improvements Carpet & Paint

PRIORITY: Priority 2

DESCRIPTION: **Project Overview:**
This is the second phase of auditorium improvements. It was originally proposed to CIP in the fall of 2017 but was deferred. In FY19, air conditioning was added and the sound system replaced. In this phase, carpeting will be replaced. The ceiling and walls will be painted.

FISCAL YEAR: Fall 2020 Special Town Meeting

PROJECT COST: \$70,000.00

PROPOSED FINANCING: Free Cash

EXPLANATION: Building

IMPROVEMENT LIFE: 10 years



DEPARTMENT: DPW-Administration

PROJECT LOCATION:

PROJECT:

PRIORITY:

DESCRIPTION:

The new EPA permit requirements for stormwater discharges from Small Municipal Separate Storm Sewer System (MS4) in Massachusetts was delayed one (1) year but has now become effective July 2018. In 2016, we had Tighe & Bond develop a six (6) year implementation cost for this permit. Year one (1) was funded in FY 2018 and was held until FY 2019 because of the one (1) year delay in the permit by EPA.

We submitted a required Notice of Intent to EPA on September 28, 2018 and will continue to update the program. The schedule was budgetted as follows:

FY'20	\$90,000
FY'21	\$ 109,000
FY'22	\$ 87,000
FY'23	\$ 90,000
FY'24	\$ 90,000

These costs will be updated as new information develops and may increase substantially if any contamination is found in our outfalls that requires removal.

FISCAL YEAR:

PROJECT COST:

PROPOSED FINANCING:

EXPLANATION:

IMPROVEMENT LIFE:



DEPARTMENT: DPW-Administration

PROJECT LOCATION: North Main & County Streets

PROJECT: Final Design New Road North Main to Howe Street

PRIORITY: 2

DESCRIPTION: This item is for the final design of a new roundabout at the intersection of North Main Street, County Street and Angell Street with a road over the rail yard, relocating the rail crossing and continuing to the existing end of Howe Street. The estimate for the final design and the total road project design cost is \$345,000.

The estimate to design the rail improvements is approximately \$201,000. The rail improvements are needed in the rail yard in order to relocate the rail crossing so that it can accommodate the crossing of a single rail and the relocation of the Noonan uploading.

We are trying to have MassDOT Rail Division pay for the design of the improvements but we do not have a commitment.

FISCAL YEAR: Fall 2020 Special Town Meeting

PROJECT COST: \$ 345,000

PROPOSED FINANCING: Loan Orders

EXPLANATION: Design

IMPROVEMENT LIFE: N/A



DEPARTMENT: DPW-Highway Division

PROJECT LOCATION: Various

PROJECT: Roadway/Sidewalk/Bridge and Parking Lot Maintenance

PRIORITY: Priority 2

DESCRIPTION:

These funds are used in conjunction with Chapter 90 State Aid (\$750,000+/-) to maintain and/or reconstruct roadways, sidewalks, bridges and parking lots.

Typical examples of this work would be:

Crack-sealing, trench repair, chip-sealing, overlays, milling and overlay, full depth reconstruction, handicap ramp reconstruction, sidewalk repairs, sidewalk replacement, bridge repairs, bridge replacement design and all work associated with the above.

The urgency here is that when not properly funded like years past, our roadway infrastructure continues to deteriorate and minor repairs become reconstruction.

Current averaged cost per square yard for various levels of work;

	Per SQ. YD.	Cost per mile of road at 24' wide
Patch and Crack-seal	\$1.70	\$23,936.00
Chip-seal	\$5.75	\$80,960.00
Thin overlay	\$11.40	\$160,512.00
Mill and Overlay Local	\$17.60	\$247,808.00
Mill and Overlay Arterial Collector	\$22.50	\$316,000.00
Reclaim Local	\$38.50	\$542,080.00
Reclaim Arterial Collector	\$45.00	\$633,600.00

The list above is in the order that a road would deteriorate and our cost to repair would increase.

FISCAL YEAR: Fall 2020 Special Town Meeting

PROJECT COST: \$2,000,000.00

PROPOSED FINANCING: Loan Order

EXPLANATION: Infrastructure

IMPROVEMENT LIFE: 10 years



DEPARTMENT: DPW-Highway Division

PROJECT LOCATION: Highway Garage

PROJECT: 1-1/2 Ton 4X4 Dump Truck w/Snowplow

PRIORITY: Priority 2

DESCRIPTION: This truck is similar to our existing Ford F-550s in the fleet. It would replace a 2001 Ford F-450 that is used daily in the operations of the Highway Division. It would also be equipped with a stainless steel dump body and a snowplow for winter operations.

Chassis	\$45,000.00
Plow	\$12,000.00
Dump Body/Hydraulics	\$25,000.00
Lights/Radio	\$4,000.00

FISCAL YEAR: Fall 2020 Special Town Meeting

PROJECT COST: \$86,000.00

PROPOSED FINANCING: Free Cash (Unreserved Fund Bal.)

EXPLANATION: Vehicles

IMPROVEMENT LIFE: 10 years



DEPARTMENT: Parks & Recreation

PROJECT LOCATION: Plymouth Street Recreational Facility

PROJECT: Plymouth Street Playground: Equipment Removal & New Equipment Installation

PRIORITY: Priority 2

DESCRIPTION: 2017 Appropriated Funds
\$75,000 CIP Funding
\$25,000 Recreation Revolving Funding

Due to the addition of more stringent ADA playground regulations since project initiation, we are no longer able to construct the Plymouth Street Playground for \$100,000 as originally anticipated. A site study was performed in June 2018 determining playground equipment & surfacing costs for a total of \$313,000. With the addition of (4) pieces of equipment added to the June 2018 study, an additional appropriation of \$200,000 is required to complete this project.

The final \$25,000 for this project will be funded at the Fall 2020 Special Town Meeting.

FISCAL YEAR: Fall 2020 Special Town Meeting

PROJECT COST: \$ 25,000.00

PROPOSED FINANCING: Free Cash (Unreserved Fund Bal.)

EXPLANATION: Infrastructure

IMPROVEMENT LIFE: 20 years



DEPARTMENT: DPW-Sewer Division

PROJECT LOCATION: Sewer Improvements

PROJECT: Sewer Collection System Improvements

PRIORITY: 2

DESCRIPTION: We are proposing to annually fund sewer collection system improvements. This may include sewer line replacement or rehabilitation or pump station improvements. If these funds are not fully spent in a given fiscal year they can be combined with another year to complete a larger project.

FISCAL YEAR: Fall 2020 Special Town Meeting

PROJECT COST: \$200,000

PROPOSED FINANCING: Sewer Retained Earnings

EXPLANATION: Other

IMPROVEMENT LIFE: 10 years



DEPARTMENT: DPW-Water Division

PROJECT LOCATION: Water Fleet Vehicle - 500B East Street

PROJECT:

VEHICLE EQUIPMENT PURCHASE - DUMP TRUCK

PRIORITY:

2

DESCRIPTION:

One (1) heavy duty six wheel dump truck for the Water Division fleet.

Over seven years ago the Water Division's dump truck was removed from its active fleet of vehicles because the frame had rusted to the point that it could not be repaired. This dump truck vehicle was disposed of in a Town surplus bid.

A dump truck is essential equipment to respond to water main breaks. At the present time when a water emergency occurs, instead of immediately responding to the break, the Water Division first needs to locate a dump truck to borrow or rent a dump truck.

The Water Division routinely reaches out to the Highway Division to check availability to borrow equipment. If it's available, additional time is used to locate where the equipment is, verify it's ready for use, and coordinating manpower to pick up the truck from the other department. If a dump truck is not available internally because they are in use or have sanders on them, the Water Division is forced to hire an outside contractor and incur significant added costs for equipment rental & crew.

Having a dump truck in the Water Division fleet again would improve response time for water emergencies, eliminate unnecessary costs to hire outside contractors, and help to save lost water resources.

FISCAL YEAR:

Fall 2020 Special Town Meeting

PROJECT COST:

\$ 150,000

PROPOSED FINANCING:

Water Retained Earnings

EXPLANATION:

Vehicles

IMPROVEMENT LIFE:

10 Years