



FY 2021

## Town of Topsfield - Capital Planning Request Form

## Project Summary

DEPARTMENT:	Water		
PROJECT/ASSET TITLE:	Utility Pickup Truck Replacements	DATE OF REQUEST:	10/10/2019
TOTAL COSTS:	~75,000	AMOUNT REQUESTED:	\$0
FIXED ASSET CATEGORY	<input type="checkbox"/> 5000 <input type="checkbox"/> Bldg. Maintenance	<input type="checkbox"/> Equipment <input type="checkbox"/> Heavy Equipment	<input type="checkbox"/> Land <input type="checkbox"/> Land Improvement
		<input checked="" type="checkbox"/> Vehicle <input type="checkbox"/> Other	USEFUL LIFE (Years): 10
			DEPT PRIORITY # 5

## Description

The Water Department has three vehicles - one service truck and two utility pickup trucks. This request is a placeholder for the replacement of the pickup trucks based on a 10-year lifetime. The timing of the request is dependent on truck mileage and repair history and will likely be delayed based on the current condition of the vehicles.

Picture

## Justification

REASON FOR REQUEST:	Planning for the normal replacement of vehicles.
BACKGROUND INFO:	Two Ranger pickup trucks are used for a variety of purposes. Both have approximately 35K miles currently.
COMMUNITY BENEFIT:	
FUTURE BUDGET IMPACTS:	
IMPACT IF NOT FUNDED:	
SOURCE OF COST ESTIMATE:	Please attach cost estimate source

## Potential Source(s) of Funding

<input type="checkbox"/> Free Cash	<input type="checkbox"/> Raise & Appropriate	<input type="checkbox"/> Other General Fund	<input type="checkbox"/> Short Term Borrowing/Lease
<input type="checkbox"/> Capital Stabilization	<input checked="" type="checkbox"/> WAT Retained Earnings	<input checked="" type="checkbox"/> WAT Other Available Funds	<input type="checkbox"/> Long term Borrowing/GO Bond
<input type="checkbox"/> Chapter 90			<input type="checkbox"/> Other: _____

## Requested By

Dept Head Name/Title:		DATE OF REQUEST:	
Dept Head Signature:			



FY 2021

## Town of Topsfield - Capital Planning Request Form

## Project Summary

DEPARTMENT:	Water		
PROJECT/ASSET TITLE:	Water Storage Tank Replacement	DATE OF REQUEST:	10/10/2019
TOTAL COSTS:	~1,050,000	AMOUNT REQUESTED:	\$0
FIXED ASSET CATEGORY	<input type="checkbox"/> 5000 <input checked="" type="checkbox"/> Bldg. Maintenance	<input type="checkbox"/> Equipment <input type="checkbox"/> Heavy Equipment	<input type="checkbox"/> Land <input type="checkbox"/> Land Improvement
	<input type="checkbox"/> Vehicle <input type="checkbox"/> Other	USEFUL LIFE (Years): 50	DEPT PRIORITY # 4

## Description

The Boston Street storage tank was constructed in 1949 and has exceeded its expected lifetime. This request is for the design and construction of the new tank. This is the last tank of its type still in service according to the firm that built it.

Picture

## Justification

REASON FOR REQUEST:	Planning for the eventual replacement of the Boston Street water storage tank.
BACKGROUND INFO:	The existing tank is 70 years old and has exceed its useful life.
COMMUNITY BENEFIT:	Safe and reliable storage of drinking water.
FUTURE BUDGET IMPACTS:	None
IMPACT IF NOT FUNDED:	Gradual decline in the condition of the tank and potentially a failure.
SOURCE OF COST ESTIMATE:	Budget costs based on industry standards <i>Please attach cost estimate source</i>

## Potential Source(s) of Funding

<input type="checkbox"/> Free Cash	<input type="checkbox"/> Raise & Appropriate	<input type="checkbox"/> Other General Fund	<input type="checkbox"/> Short Term Borrowing/Lease
<input type="checkbox"/> Capital Stabilization	<input checked="" type="checkbox"/> WAT Retained Earnings	<input checked="" type="checkbox"/> WAT Other Available Funds	<input checked="" type="checkbox"/> Long term Borrowing/GO Bond
<input type="checkbox"/> Chapter 90			<input type="checkbox"/> Other: _____

## Requested By

Dept Head Name/Title:		DATE OF REQUEST:	
Dept Head Signature:			





FY 2021

## Town of Topsfield - Capital Planning Request Form

## Project Summary

DEPARTMENT:	Water		
PROJECT/ASSET TITLE:	Water Storage Tank Repair	DATE OF REQUEST:	10/10/2019
TOTAL COSTS:	~\$200,000	AMOUNT REQUESTED:	\$0
FIXED ASSET CATEGORY	<input type="checkbox"/> 5000 <input checked="" type="checkbox"/> Bldg. Maintenance	<input type="checkbox"/> Equipment <input type="checkbox"/> Heavy Equipment	<input type="checkbox"/> Land <input type="checkbox"/> Land Improvement
		<input type="checkbox"/> Vehicle <input type="checkbox"/> Other	USEFUL LIFE (Years): 50
			DEPT PRIORITY # 3

## Description

The water storage tanks are inspected on a routine basis. This request is being submitted in the event that the FY2020 inspection finds a need for substantial repair work to one or both water tanks. The tanks are grade level, concrete storage tanks that each can hold a half million gallons of water. The tanks are roughly 60 feet in diameter and 20+ feet tall. Funds for repair work will be requested at a future date based on the results of the inspection, design and bid process.

Picture

## Justification

REASON FOR REQUEST:	Anticipation of water storage tank repair work following next round of tank inspections.
BACKGROUND INFO:	Tanks are made of concrete which needs to be patched from time to time.
COMMUNITY BENEFIT:	Safe and reliable storage of drinking water.
FUTURE BUDGET IMPACTS:	None
IMPACT IF NOT FUNDED:	Potential for gradual decline in condition of the tanks due to lack of routine maintenance.
SOURCE OF COST ESTIMATE:	Previous tank design and repair work. <i>Please attach cost estimate source</i>

## Potential Source(s) of Funding

<input type="checkbox"/> Free Cash	<input type="checkbox"/> Raise & Appropriate	<input type="checkbox"/> Other General Fund	<input type="checkbox"/> Short Term Borrowing/Lease
<input type="checkbox"/> Capital Stabilization	<input checked="" type="checkbox"/> WAT Retained Earnings	<input checked="" type="checkbox"/> WAT Other Available Funds	<input type="checkbox"/> Long term Borrowing/GO Bond
<input type="checkbox"/> Chapter 90			<input type="checkbox"/> Other: _____

## Requested By

Dept Head Name/Title:		DATE OF REQUEST:	
Dept Head Signature:			



FY 2021

## Town of Topsfield - Capital Planning Request Form

## Project Summary

DEPARTMENT:	Water		
PROJECT/ASSET TITLE:	Pump station & Well Rehabilitation	DATE OF REQUEST:	10/10/2019
TOTAL COSTS:	~\$100,000	AMOUNT REQUESTED:	\$50,000
FIXED ASSET CATEGORY	<input type="checkbox"/> 5000 <input checked="" type="checkbox"/> Bldg. Maintenance	<input type="checkbox"/> Equipment <input type="checkbox"/> Heavy Equipment	<input type="checkbox"/> Land <input type="checkbox"/> Land Improvement
	<input type="checkbox"/> Vehicle <input type="checkbox"/> Other	USEFUL LIFE (Years): 50	DEPT PRIORITY # 2

## Description

This funding is to assess the feasibility and develop price estimates for replacing the wells at the Perkins Row and North Street stations, renovate the Perkins Row station and perform any required modifications to the North Street station due to the well replacement work. This is a phased project with design (\$250,000) and construction (\$2,000,000) requests being submitted in subsequent years.

Picture

## Justification

REASON FOR REQUEST:	The Perkins Row station and wells at both stations are in need of replacement.
BACKGROUND INFO:	Twenty of the towns wells were installed in 1949 and the remaining 40 in 1969. The Perkins Row station has reached the end of its useful life and needs to be replaced.
COMMUNITY BENEFIT:	More robust and reliable water supply facilities
FUTURE BUDGET IMPACTS:	Future costs are mainly due to bond payments.
IMPACT IF NOT FUNDED:	Continued gradual decline in well and station reliability.
SOURCE OF COST ESTIMATE:	Feasibility study cost estimate based on discussions with WTP designer. <i>Please attach cost estimate source</i>

## Potential Source(s) of Funding

<input type="checkbox"/> Free Cash	<input type="checkbox"/> Raise & Appropriate	<input type="checkbox"/> Other General Fund	<input type="checkbox"/> Short Term Borrowing/Lease
<input type="checkbox"/> Capital Stabilization	<input checked="" type="checkbox"/> WAT Retained Earnings	<input checked="" type="checkbox"/> WAT Other Available Funds	<input checked="" type="checkbox"/> Long term Borrowing/GO Bond
<input type="checkbox"/> Chapter 90			<input type="checkbox"/> Other: _____

## Requested By

Dept Head Name/Title:		DATE OF REQUEST:	
Dept Head Signature:			





FY 2021

## Town of Topsfield - Capital Planning Request Form

## Project Summary

DEPARTMENT:	Water		
PROJECT/ASSET TITLE:	Pump station & Well Rehabilitation	DATE OF REQUEST:	10/10/2019
TOTAL COSTS:	\$2,300,000	AMOUNT REQUESTED:	\$50,000
FIXED ASSET CATEGORY	<input type="checkbox"/> 5000 <input type="checkbox"/> Equipment <input type="checkbox"/> Land <input type="checkbox"/> Vehicle <input checked="" type="checkbox"/> Bldg. Maintenance <input type="checkbox"/> Heavy Equipment <input type="checkbox"/> Land Improvement <input type="checkbox"/> Other	USEFUL LIFE (Years):	DEPT PRIORITY #
		50	2

## Description

This funding is to assess the feasibility and develop price estimates for replacing the wells at the Perkins Row and North Street stations, renovate the Perkins Row station and perform any required modifications to the North Street station due to the well replacement work. This is a phased project with design (\$250,000) and construction (\$2,000,000) requests being submitted in subsequent years.

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<input type="checkbox"/> Chapter 90			<input type="checkbox"/> Other: _____

## Requested By

Dept Head Name/Title:		DATE OF REQUEST:	
Dept Head Signature:			

DEPARTMENT: **WATER****Town of Topsfield - Capital Planning Department Summary****5 Year Capital Plan by Department**

	Project Title	Priority	Code	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total Costs	Project Summary Attached?
1	Public Works Building Fire System Upgrade	1	2	35,000					35,000	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
2	Pump Station & Well Rehabilitation	2	2,4	50,000	250,000	2,000,000			2,300,000	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
3	Water Storage Tank Repair	3	2		30,000	150,000			180,000	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
4	Water Storage Tank Replacement	4	2,4				50,000	1,000,000	1,050,000	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
5	Utility Pickup Truck Replacements	5	4				35,000	35,000	70,000	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
6		6								YES <input type="checkbox"/> NO <input type="checkbox"/>
7		7							-	YES <input type="checkbox"/> NO <input type="checkbox"/>
8		8							-	YES <input type="checkbox"/> NO <input type="checkbox"/>

**Requested By**

Dept Head Name/Title:	Greg Krom, Water Superintendent	DATE OF REQUEST:	10/10/19
Dept Head Signature:			
Authorizing Board:	Board of Water Commissioners	DATE OF VOTE:	10/10/19
Signature:			