

**TOWN OF SCITUATE, MASSACHUSETTS  
FISCAL YEARS 2020-2024**



**CAPITAL IMPROVEMENT PLAN  
TOWN ADMINISTRATOR RECOMMENDED**



De-Icers in marina, photo credit Stephen Mone

**BOARD OF SELECTMEN**

**John F. Danehey, Chairman**

**Maura C. Curran, Vice Chairman**

**Karen B. Canfield, Clerk**

**Shawn Harris**

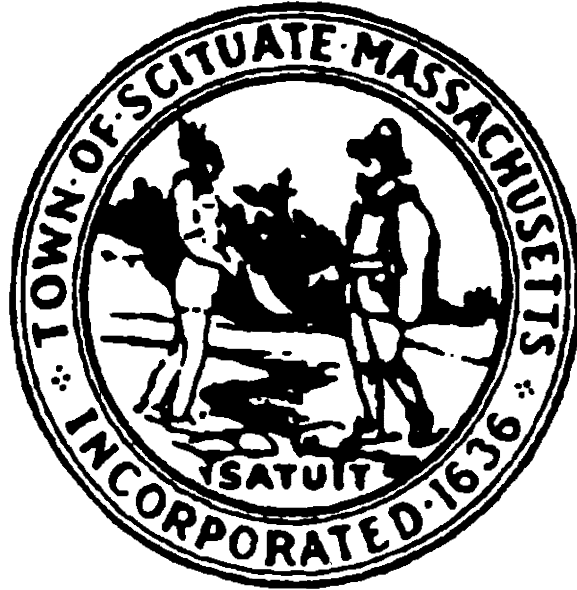
**Anthony V. Vegnani**

**James M. Boudreau, Town Administrator**

**Nancy Holt, Finance Director/Town Accountant**

**NOVEMBER 2018**

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Nancy Holt, Finance Director/Town Accountant

November 2018

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## 2018 Capital Planning Committee Members

Christopher Carchia, Chairman*	<a href="mailto:ccarchia1@gmail.com">ccarchia1@gmail.com</a>
John P. Whittaker*	<a href="mailto:cudworth@aol.com">cudworth@aol.com</a>
Francis J. Nash, Jr.*	<a href="mailto:frank@franknash.com">frank@franknash.com</a>
Joseph Gibbons *	<a href="mailto:lightning99@hotmail.com">lightning99@hotmail.com</a>
Anthony Antonello, Advisory Committee rep	<a href="mailto:aantonello@comcast.net">aantonello@comcast.net</a>
James. M. Boudreau, Town Administrator*	<a href="mailto:jboudreau@scituatema.gov">jboudreau@scituatema.gov</a>
Peter Gates, School Committee rep*	<a href="mailto:pgates@scit.org">pgates@scit.org</a>
Karen Canfield, Board of Selectmen rep	<a href="mailto:kcanfield@scit.org">kcanfield@scit.org</a>

\*Voting member

## Fiscal Year 2020 Capital Budgeting Process

The Capital Budgeting process uses the same methodology used in the past several fiscal years. It begins when departments submit their capital budget requests with supporting documentation for consideration. Each of these projects is then rated on the following weighted criteria:

- Overall Fiscal Impact: Are there funding sources other than the general fund?
- Will the project bring in additional revenue or will it cost additional money to operate?
- Legal Obligations/Adherence to Master plan: Does a state or federal law mandate the town to fund the capital project? Does the project promote a component of the town's master plan?
- Impact on Service to the Public: Will residents receive better service if the project is funded? Will it address a public health, safety, accreditation or maintenance need?
- Urgency of Maintenance Needs: Is the asset currently broken and in need of immediate replacement or can it last a few more years?
- Prior Phases: If the project is a multiyear project, have prior phases been previously funded or is it a new project?
- Department Priority: How does the division director rank his/her project submissions? Is it a high priority or a low priority?

(See attached for additional information on this priority ranking system)

Once all projects are submitted the Town Administrator and Finance Director independently review each project requested. Each project is assigned a numerical value based on the rating criteria, and placed in the requested year for replacement up to five years out.

Under the Town's financial policies, retired debt surplus stays in the debt service budget and does not get allocated elsewhere. In addition, non-general fund funding sources such as Community Preservation Act (CPA) funds, the sale of assets, or prior year unspent authorizations are used to fund certain capital projects.

Departments are asked to utilize the new forms rolled out two years ago for all capital project requests for FY20-24. If you have previously submitted a request under the five-year rolling capital plan (through FY 23), it does not need to be resubmitted, unless you have moved up the replacement year or you have updated cost estimates. All capital requests submitted by departments previously should be reviewed to make sure the information and price estimates accompanying it are reasonable and up-to-date. This means updates to acquisition costs, changes in specifications or vehicle type, model or year. Prepare a new form and submit accompanying materials to support the change. The five-year capital plan requires requests for capital needs through FY 24 and these must be submitted with strict adherence to the requirements specified below.

The FY 20 capital request form along with your department's previous five year rolling capital plan are included in the email transmittal. Your accompanying information should not include any prior contracts or any material which is unable to be reproduced in black and white copy and should be reasonable in length (maximum 3 pages). Please fully utilize the request form to describe your project. Each department with a plan will be presenting it to the Capital Planning Committee in person so please be mindful of your submission size in order to maintain the usefulness of the overall five year plan document. Any cost estimate that is more than one year old will be rejected back to the submitter.

Capital Budgets are due electronically to Finance Director/Town Accountant Nancy Holt (nholt@scituatema.gov), **September 27, 2018**. Incomplete submissions will be returned, so make sure each submission is complete. Late submissions will not be accepted.

### **IMPORTANT INFORMATION FOR FY 20 CAPITAL REQUESTS**

*We are starting the FY 20 capital budget process earlier this year so staff has more time between the capital budget process and the operating budget process to examine the needs of their department and the Capital Planning Committee has more time to review requests. Please note that you must provide the capital request form and detailed, but concise, information about what you are requesting including any attachments of specifications, illustrations and costs based on some justified basis. Incomplete forms will be returned and not evaluated. Prior year vendor contracts should not be included as part of the back-up. Please fully complete the description areas of the request form which should be a one page summary of your project, its cost, why it is needed, funding source(s) and the priority. Back-up material should be limited to no more than a maximum of 2-3 pages.*

*There are many competing projects on the capital plan seeking a finite amount of capital funds and therefore not all projects will be recommended despite their merits. Please prioritize your projects appropriately and fully justify any projects that have been moved up or are new additions to the plan in any other year than 2024.*

*For any questions related to preparation of these documents please contact Nancy Holt. Thank you for your assistance and cooperation.*

The FY 20 capital budget will be submitted to the Board of Selectmen, Advisory Committee and Capital Planning Committee in fall 2018.

Please let me know if you require any further information and thank you for your cooperation in this regard.

TOWN OF SCITUATE  
PROJECT REQUEST RATING SHEET  
DESCRIPTION OF RATING CRITERIA AND SCALES

CRITERIA A -OVERALL FISCAL IMPACT

Weight: 4

Rationale: Limited resources for competing projects require that each project's full impact on the Town's budget be considered in rating and evaluating projects. Projects that are self-funded or have a large proportion of external funding will receive higher ratings than those that do not.

Considerations: Ratings for this factor will consider these major points:

- A. Capital cost of the project relative to all other project requests.
- B. Impact of project on Town operating costs and personnel levels.
- C. Whether project requires Town appropriations or is funded from agency, grant funds, matching funds, or generated revenue.
- D. Impact on Town tax revenue or fee revenue.
- E. Will external funding be lost should project be delayed?

Illustrative Ratings:

- 5-Project requires less than 10% Town funding.
- 4-Project requires less than 50% Town funding.
- 3-Project requires more than 50% Town funding, decreases operating costs and increases Town revenues.
- 2-Project requires more than 50% Town funding, increases operating costs and increases Town revenues.
- 1-Project requires more than 50% Town funding, decreases operating costs and decreases Town revenues.
- 1-Project requires more than 50% Town funding, increases operating costs and decreases Town revenues.

CRITERIA B-LEGAL OBLIGATIONS AND COMPLIANCE WITH MASTER PLAN

Weight: 4

Rationale: Some projects are virtually unavoidable due to court orders, federal mandates, or state laws that require completion. In addition, projects that advance the stated goals of the Town's Master Plan should receive higher consideration than those that don't. This criterion evaluates both the severity of the mandate and the degree of adherence to the Town's Master Plan.

Considerations: Ratings for this factor will consider these major points:

- A. Whether an agency is under direct court order to complete this project.
- B. Whether the project is needed to meet requirements of federal or state legislation.
- C. Whether the project advances one or more of the goals of the Town Master Plan.

Illustrative Ratings:

- 5-Agency currently under court order to take action.
- 4- Project is necessary to meet existing state and federal requirements.
- 3- Project advances one or more of the goals of the Town's Master Plan/adopted policies.
- 2- Project advances one of the goals of the Town's Master Plan/adopted policy.
- 1- Legislation under discussion could require project in future.
- 0- No legal or Master Plan impact or requirements.
- 1-Project requires change in state law to proceed.
- 2-Project requires change in federal law to proceed.

### CRITERIA C-IMPACT ON SERVICE TO THE PUBLIC

Weight: 3

Rationale: Consideration will be given to capital projects that address health, safety, accreditation or maintenance issues as well as improved service of an agency. Service is broadly deemed, as the Town's objective to meet the health, safety or accreditation needs of the population and/or improved operations of an existing department.

Considerations: Ratings for this factor will consider these major points:

- A. Whether the service is already being provided by existing agencies.
- B. Whether the project has immediate impact on service, health, safety, accreditation or maintenance needs.
- C. Whether the project focuses on a service that is currently a "high priority" public need.

Illustrative Ratings:

- 5-Service addresses an immediate public health, safety, accreditation, or maintenance need.
- 4-Service is improved and addresses a public health, safety, accreditation; or maintenance need.
- 3-Service is greatly improved.
- 2-Service is improved.
- 1-Service is minimally improved and addresses a public health, safety, accreditation, or maintenance need.
- 0- Service is minimally improved.

### CRITERIA D-URGENCY OF MAINTENANCE NEEDS



### Weight 3

Rationale: The Town's most immediate goal in both capital and operating finance is to maintain current services expected by citizens, businesses, and visitors. Capital projects that are essential to maintain service, protect investment, or restore service that has been interrupted due to failure of capital assets will receive the highest rating in this criterion.

Considerations: Ratings for this factor will consider these major points:

- A. Whether service is currently interrupted.
- B. Whether the project as requested will result in full restoration of service.
- C. Whether the project is the most cost-effective method of providing or maintaining service.
- D. Where service is not currently interrupted, the likelihood that it will be in the next five years if the project is not funded.
- E. Whether costs of the project will increase (beyond inflation) if the project is delayed.
- F. Whether the agency has prepared a comprehensive maintenance/rehabilitation/replacement schedule and the project is due under that schedule.

Illustrative Ratings:

5-Service is currently interrupted and the project will restore service in the most cost-effective manner possible.

4-Service is likely to be disrupted in the five-year horizon if project is not funded.

3-Project is necessary to maintain orderly schedule for maintenance and replacement.

2-Cost of Project will increase in future (beyond inflation) if it is delayed at this time.

1-Minor risk that cost will rise or service will be interrupted if project is not funded.

0-There is no financial or service risk of delaying or not funding the project (e.g., the project is new and has no impact on current service).

### CRITERIA E-PRIOR PHASES

#### Weight: 2

Rationale: Some projects need to be developed in phases due to their complexity of size. In such cases, the need has already been established by prior commitment of funds to existing projects. Therefore, continuation of the project will be given higher consideration.

Considerations: Ratings for this factor will consider these major points:

- A. Whether the project has received prior funds.
- B. Whether the project requires additional funding to be operational.

Illustrative Ratings:

5-All but the final phase has been fully funded.

4-Multiple phases have been fully funded.

2 Multiple phases have been partially

funded. 2-First phases have been fully funded.  
1-First phases have been partially funded.  
0-No prior phases have been funded or partially funded.

**CRITERIA E-DEPARTMENTAL PRIORITY**

Weight: 2

**Rationale:** Divisions are expected to provide an indication of which projects are most important to their mission.

**Considerations:** Ratings for this factor will consider these major points:

- A. Departmental ranking of each individual project.
- B. The total number of project requests that are tuned in by entities.

**Illustrative  
Ratings:**

5-Top 20% of highest departmentally ranked project requests.  
4-20% of next highest departmentally ranked project requests.  
3-20% of next highest departmentally ranked project requests.  
2-20% of next highest departmentally ranked project requests.  
1-Bottom 20% of all projects

**SELECTMEN, ADVISORY, AND CAPITAL PLANNING  
FY 20 BUDGET MEETING SCHEDULE**

**Selectmen, Advisory and Capital Planning Committees  
Budget Meeting Schedule**

**Fiscal Year 2020**

By charter, the Town Administrator conducts an in-depth review of each departmental line with an emphasis on full explanations for all requested expenditures in making recommendations to town officials (exclusive of School Department). The recommended operating and capital budgets are then independently reviewed by the Board of Selectmen, Advisory Committee and Capital Planning Committee.

**Please note Schedule is subject to change**

<b>Event/Department</b>	<b>Dept #</b>	<b>Board of Selectmen Review</b>	<b>Capital Planning Committee Review</b>	<b>Advisory Committee Review</b>
Review of Non-Monetary Articles		12/18/2018		
FY20 Budget Presentation		12/18/2018	11/7/2018	12/20/2018
Administration/Board of Selectmen	123	12/18/2018	12/5/2018	12/20/2018
Advisory Committee	131	12/18/2018		12/20/2018
Reserve Fund	132	12/18/2018		12/20/2018
Gen Liab & Property Insurance	192	12/18/2018		12/20/2018
Street Lights	424	12/18/2018		12/20/2018
Workers Compensation	912	12/18/2018		12/20/2018
Unemployment	913	12/18/2018		12/20/2018
Assessors	141	12/18/2018		1/3/2019
Library	610	12/18/2018		1/3/2019
Town Clerk	161	12/18/2018		1/3/2019
Widow's Walk Enterprise	61	12/18/2018	TBD	12/20/2018
Board of Health	510	12/18/2018		1/3/2019
Council on Aging	541	12/18/2018	1/16/2019	12/20/2018
Veterans	543	12/18/2018		12/20/2018
Commission on Disabilities	549	12/18/2018	12/5/2018	12/20/2018
Finance Director/Town Accountant	135	1/8/2019		1/10/2019
Information Technology	155	1/8/2019		1/10/2019
Police	210	1/8/2019		1/10/2019
Fire	220	1/8/2019	12/19/2018	1/3/2019
Public Safety Communications	230	1/8/2019		1/10/2019
Recreation	630	1/8/2019		1/10/2019
Beautification	650	1/8/2019		1/10/2019
Historical	691	1/8/2019		1/10/2019
Waterways Enterprise	66	1/8/2019	12/19/2018	1/17/2019
Shellfish	295	1/8/2019		1/17/2019
Facilities	440	1/8/2019	TBD	1/17/2019
Treasurer Collector	145	1/8/2019		1/17/2019

**SELECTMEN, ADVISORY, AND CAPITAL PLANNING  
FY 20 BUDGET MEETING SCHEDULE**

<b>Event/Department</b>	<b>Dept #</b>	<b>Board of Selectmen Review</b>	<b>Capital Planning Committee Review</b>	<b>Advisory Committee Review</b>
Tax Foreclosures	158	1/8/2019		1/17/2019
Debt Service	720	1/8/2019		1/17/2019
Non Contributory Pension	910	1/8/2019		1/17/2019
Plymouth County Retirement	911	1/8/2019		1/17/2019
Contributory Insurance	914	1/8/2019		1/17/2019
Federal Taxes	916	1/8/2019		1/17/2019
<b>Department of Public Works</b>				
Engineering	411	1/22/2019	1/2/2019	1/24/2019
Administration	421	1/22/2019		1/24/2019
Highway	422	1/22/2019	1/2/2019	1/24/2019
Snow & Ice	423	1/22/2019		1/24/2019
Public Grounds	429	1/22/2019	1/2/2019	1/24/2019
Transfer Station Enterprise	433	1/22/2019	1/2/2019	1/24/2019
Sewer Enterprise	440	1/22/2019	1/9/2019	1/24/2019
Water Enterprise	450	1/22/2019	TBD	1/24/2019
Review Petition Articles		1/22/2019		1/3/2019
<b>Community Planning &amp; Development</b>				
Conservation/Coastal Resources	171	2/5/2019		1/31/2019
Planning	175	2/5/2019		1/31/2019
Zoning Board of Appeals	176	2/5/2019		1/31/2019
Economic Development Comm	182	2/5/2019		1/31/2019
Inspections	241	2/5/2019		1/31/2019
Capital Plan Review		2/19/2019		2/14 or 2/21
School	300	2/5/2019	12/5/2018	2/7/2019
South Shore Regional VTHS	310	2/5/2019		2/7/2019
Community Preservation Review		2/5/2019		2/7/2019
Vote all projects/articles		2/19/2019	TBD	2/14 or 2/21
Advisory Booklet Available				3/22/2019

**Town of Scituate  
Capital Plan - FY 2020-2024  
Criteria Points-Summary  
Sorted by Fund, Department, Year & Score**

Total	Project	Project #	Department	Year	Fund	Request	CRITERIA						SCORE						Comment
							A	B	C	D	E	F	A	B	C	D	E	F	
49	Minot Beach Parking Lot	2021-630-01	Recreation/DPW	2021	BCH	\$ 247,192	5	2	2	3	0	3	20	8	6	9	0	6	Beach Revolving Fund
<b>BCH Total</b>						<b>\$ 247,192</b>													
55	Update ADA Evaluation & Transition Plan	2020-123-01	BOS/Disability Commission	2020	GF	\$ 150,000	1	4	4	3	2	5	4	16	12	9	4	10	
46	Security Upgrades to Public Facilities	2020-123-02	BOS/Town Administrator	2020	All	\$ 630,565	1	2	4	2	4	4	4	8	12	6	8	8	Multiple funding sources
56	Construction New Senior Center & Veterans Memorial Gym Rehabilitation	2020-541-01	COA	2020	GF	\$ 16,000,000	1	3	4	4	3	5	4	12	12	12	6	10	
47	MS4 Compliance	2020-421-01	DPW - Engineering	2020	GF	\$ 50,000	1	4	1	2	4	5	4	16	3	6	8	10	
26	#42 2002 Ford Van	2020-421-02	DPW - Engineering	2020	GF	\$ 35,000	1	2	1	3	0	1	4	8	3	9	0	2	
17	Replace 2006 Chevy Colorado Pick-up 4-2	2020-421-03	DPW - Engineering	2020	GF	\$ 35,000	1	2	0	1	0	1	4	8	0	3	0	2	
43	MS4 Compliance	2021-421-01	DPW - Engineering	2021	GF	\$ 50,000	1	4	1	2	4	3	4	16	3	6	8	6	
43	MS4 Compliance	2022-421-01	DPW - Engineering	2022	GF	\$ 50,000	1	4	1	2	4	3	4	16	3	6	8	6	
39	MS4 Compliance	2023-421-01	DPW - Engineering	2023	GF	\$ 50,000	1	4	1	2	4	1	4	16	3	6	8	2	
50	Foreshore Protection	2020-411-01	DPW - Foreshore Protection	2020	GF	\$ 200,000	1	2	5	3	4	3	4	8	15	9	8	6	
64	Seawall Replacement - Cedar Point ACoE project	2021-411-02	DPW - Foreshore Protection	2021	GF	\$ 8,000,000	4	2	4	4	4	4	16	8	12	12	8	8	
60	Foreshore Repairs - FEMA - 1st, 2nd, 3rd Cliffs	2021-411-01	DPW - Foreshore Protection	2021	GF	\$ 12,000,000	4	2	4	4	1	5	16	8	12	12	2	10	
50	Foreshore Protection	2021-411-03	DPW - Foreshore Protection	2021	GF	\$ 200,000	1	2	5	3	4	3	4	8	15	9	8	6	
62	Foreshore Repairs - Seawall Turner Rd/Oceanside	2022-411-02	DPW - Foreshore Protection	2022	GF	\$ 10,000,000	3	2	4	4	4	5	12	8	12	12	8	10	
50	Foreshore Protection	2022-411-01	DPW - Foreshore Protection	2022	GF	\$ 200,000	1	2	5	3	4	3	4	8	15	9	8	6	
50	Foreshore Protection	2023-411-01	DPW - Foreshore Protection	2023	GF	\$ 200,000	1	2	5	3	4	3	4	8	15	9	8	6	
50	Foreshore Protection	2024-411-01	DPW - Foreshore Protection	2024	GF	\$ 200,000	1	2	5	3	4	3	4	8	15	9	8	6	
40	Truck 2-9 Replacement	2020-429-06	DPW - Grounds	2020	GF	\$ 45,000	1	2	4	4	0	2	4	8	12	12	0	4	
39	Gates School Field Repair	2020-429-07	DPW - Grounds	2020	GF	\$ 60,000	1	3	4	3	0	1	4	12	12	9	0	2	
39	Truck 2-5, Medium Duty Dump Truck	2020-429-08	DPW - Grounds	2020	GF	\$ 95,000	1	2	4	3	0	3	4	8	12	9	0	6	
38	Replace #2-0 1999 Ford 250 Pick-up	2020-429-04	DPW - Grounds	2020	GF	\$ 50,000	3	2	1	3	0	3	12	8	3	9	0	6	
37	Excavator	2020-429-04	DPW - Grounds	2020	GF	\$ 65,000	1	2	2	3	0	5	4	8	6	9	0	10	
37	Walkway Improvement at Town Hall	2020-429-10	DPW - Grounds	2020	GF	\$ 35,000	1	2	4	3	0	2	4	8	12	9	0	4	
31	Cemetery Maintenance Database Program	2020-429-01	DPW - Grounds	2020	GF	\$ 30,000	1	2	2	1	0	5	4	8	6	3	0	10	
24	Multihog Roadside Brush Cutter	2020-429-11	DPW - Grounds	2020	GF	\$ 142,000	1	0	3	3	0	1	4	0	9	9	0	2	
23	Replace #2-8 - 2007 Chevy 3600 Dump Truck	2020-429-05	DPW - Grounds	2020	GF	\$ 65,000	1	2	1	2	0	1	4	8	3	6	0	2	
56	Cudworth Cemetery Expansion	2021-429-03	DPW - Grounds	2021	GF	\$ 100,000	1	4	3	3	4	5	4	16	9	9	8	10	
53	Vermeer Stump Grinder	2021-429-04	DPW - Grounds	2021	GF	\$ 52,000	3	2	2	3	4	5	12	8	6	9	8	10	
53	Vermeer Stump Chipper	2021-429-05	DPW - Grounds	2021	GF	\$ 60,000	3	2	2	3	4	5	12	8	6	9	8	10	
39	Field Repair/Construction	2021-429-01	DPW - Grounds	2021	GF	\$ 58,000	1	3	4	3	0	1	4	12	12	9	0	2	
42	Wheel Loader	2022-429-02	DPW - Grounds	2022	GF	\$ 65,000	1	3	3	3	0	4	4	12	9	9	0	8	
39	Field Repair/Construction	2022-429-01	DPW - Grounds	2022	GF	\$ 35,000	1	3	4	3	0	1	4	12	12	9	0	2	

**Town of Scituate  
Capital Plan - FY 2020-2024  
Criteria Points-Summary  
Sorted by Fund, Department, Year & Score**

Total	Project	Project #	Department	Year	Fund	Request	CRITERIA						SCORE						Comment
							A	B	C	D	E	F	A	B	C	D	E	F	
39	Gates School Field Repair	2022-429-03	DPW - Grounds	2022	GF	\$ 60,000	1	3	4	3	0	1	4	12	12	9	0	2	
30	Replace 1985 John Deere Tractor	2023-429-03	DPW - Grounds	2023	GF	\$ 50,000	1	2	1	3	0	3	4	8	3	9	0	6	
21	Leaf & Debris Vacuum	2024-429-01	DPW - Grounds	2024	GF	\$ 33,000	1	0	2	3	0	1	4	0	6	9	0	2	
66	Roads & Sidewalks	2020-422-09	DPW - Highway	2020	GF	\$ 200,000	3	2	5	5	4	4	12	8	15	15	8	8	
40	Backhoe Replacement	2020-422-03	DPW - Highway	2020	GF	\$ 135,000	1	2	1	3	4	4	4	8	3	9	8	8	
35	Foam Road Drainage	2020-422-07	DPW - Highway	2020	GF	\$ 53,961	1	2	4	3	0	1	4	8	12	9	0	2	
35	Surfside Road Drainage	2020-422-11	DPW - Highway	2020	GF	\$ 40,770	1	2	4	3	0	1	4	8	12	9	0	2	
35	Beaver Dam Road	2020-422-12	DPW - Highway	2020	GF	\$ 336,137	1	2	4	3	0	1	4	8	12	9	0	2	
29	Glades Road Sidewalk	2020-422-08	DPW - Highway	2020	GF	\$ 43,000	1	2	1	4	0	1	4	8	3	12	0	2	
29	Street Sweeper	2020-422-10	DPW - Highway	2020	GF	\$ 242,000	1	2	2	3	0	1	4	8	6	9	0	2	
29	Truck 1-9, Diesel Pick-up Truck	2022-422-13	DPW - Highway	2020	GF	\$ 65,000	1	2	1	4	0	1	4	8	3	12	0	2	
28	Truck 1-2, Diesel Pick-up Truck	2020-422-06	DPW - Highway	2020	GF	\$ 45,000	1	2	0	2	0	5	4	8	0	6	0	10	
26	Truck 101 Medium Duty Truck	2020-422-02	DPW - Highway	2020	GF	\$ 50,000	1	2	1	1	0	4	4	8	3	3	0	8	
24	Truck 102, Medium Duty Truck	2020-422-04	DPW - Highway	2020	GF	\$ 50,000	1	2	1	1	0	3	4	8	3	3	0	6	
24	Truck 1-8, Diesel Pick-up Truck	2020-422-05	DPW - Highway	2020	GF	\$ 45,000	1	2	1	1	0	3	4	8	3	3	0	6	
64	Roads & Sidewalks	2021-422-05	DPW - Highway	2021	GF	\$ 200,000	3	2	5	5	4	3	12	8	15	15	8	6	
35	Lawson Road	2021-422-04	DPW - Highway	2021	GF	\$ 223,260	1	2	4	3	0	1	4	8	12	9	0	2	
35	Brook Street	2021-422-07	DPW - Highway	2021	GF	\$ 237,533	1	2	4	3	0	1	4	8	12	9	0	2	
35	Country Way	2021-422-08	DPW - Highway	2021	GF	\$ 841,118	1	2	4	3	0	1	4	8	12	9	0	2	
33	Roof for Salt Shed	2021-422-06	DPW - Highway	2021	GF	\$ 30,000	1	0	2	3	2	5	4	0	6	9	4	10	
64	Road & Sidewalk Improvements	2022-422-01	DPW - Highway	2022	GF	\$ 200,000	3	2	5	5	4	3	12	8	15	15	8	6	
64	Road & Sidewalk Improvements	2023-422-01	DPW - Highway	2023	GF	\$ 200,000	3	2	5	5	4	3	12	8	15	15	8	6	
41	Mann Lot Road	2024-422-03	DPW - Highway	2024	GF	\$ 151,270	1	2	4	3	0	4	4	8	12	9	0	8	
20	Truck Lift	2024-422-01	DPW - Highway	2024	GF	\$ 28,000	1	0	1	1	0	5	4	0	3	3	0	10	
46	Generator at Library	2020-410-02	Facilities (Library)	2020	GF	\$ 190,000	1	2	4	4	0	5	4	8	12	12	0	10	
29	Card Access Installation	2020-410-03	Facilities	2020	GF	\$ 65,000	1	0	4	1	0	5	4	0	12	3	0	10	
23	Replace Facilities Director & Handyman Vehicles	2020-410-01	Facilities	2020	GF	\$ 26,000	1	0	2	1	0	5	4	0	6	3	0	10	
46	Electrical Distibution - Town Hall	2021-410-03	Facilities (Town Hall)	2021	GF	\$ 100,000	1	2	4	4	2	3	4	8	12	12	4	6	
41	New ADA Access - Town Hall	2021-410-04	Facilities (Town Hall)	2021	GF	\$ 210,000	1	2	4	3	1	3	4	8	12	9	2	6	
10	Locker Room/Showers Highway Barn	2021-410-01	Facilities (DPW - Highway)	2021	GF	\$ 60,000	1	0	0	0	0	3	4	0	0	0	0	6	
42	Veterans Memorial Gym	2023-410-01	Facilities	2023	GF	\$ 695,000	1	2	4	4	2	1	4	8	12	12	4	2	
49	Replace Ambulance	2020-220-02	Fire	2020	GF	\$ 289,634	3	2	2	3	4	3	12	8	6	9	8	6	
48	Humarock Fire Station Quarters Replacement	2020-220-01	Fire	2020	GF	\$ 275,000	1	2	4	2	4	5	4	8	12	6	8	10	
10	Replace 2005 Admin Vehicle	2020-220-03	Fire	2020	GF	\$ 48,825	1	0	0	0	0	3	4	0	0	0	0	6	
41	Refurbish 2006 Rescue Pumper	2021-220-01	Fire	2021	GF	\$ 90,000	1	2	4	3	0	4	4	8	12	9	0	8	

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Total	Project	Project #	Department	Year	Fund	Request	CRITERIA						SCORE						Comment
							A	B	C	D	E	F	A	B	C	D	E	F	
32	Replace overhead doors Stations 1 & 4	2021-220-02	Fire	2021	GF	\$ 36,000	1	3	1	3	1	1	4	12	3	9	2	2	
21	Replace 2010 Command Vehicle	2022-220-01	Fire	2022	GF	\$ 50,000	1	2	0	1	0	3	4	8	0	3	0	6	
15	Replace forest truck/storm vehicle	2022-220-02	Fire	2022	GF	\$ 76,345	1	0	1	2	0	1	4	0	3	6	0	2	
59	Replace Zoll monitor	2023-220-02	Fire	2023	GF	\$ 50,000	3	2	4	3	4	5	12	8	12	9	8	10	
49	Replace Ambulance	2023-220-02	Fire	2023	GF	\$ 289,634	3	2	2	3	4	3	12	8	6	9	8	6	
41	Replace 1995 Rescue Pumper	2024-220-01	Fire	2024	GF	\$ 90,000	1	2	4	3	0	4	4	8	12	9	0	8	
30	Replace 2002 Dive/Rescue Truck	2024-220-01	Fire	2024	GF	\$ 60,000	0	2	1	3	0	5	0	8	3	9	0	10	
53	Lease of School Busses	2020-300-01	School	2020	GF	\$ 210,000	1	4	2	3	4	5	4	16	6	9	8	10	
48	Wampatuck Playground	2020-300-08	School	2020	GF	\$ 30,000	1	2	4	4	5	1	4	8	12	12	10	2	
45	School Technology	2020-300-02	School	2020	GF	\$ 110,000	1	2	2	3	4	5	4	8	6	9	8	10	
39	Wampatuck Portico	2020-300-04	School	2020	GF	\$ 150,000	1	2	4	3	0	3	4	8	12	9	0	6	
35	High School Carpet	2020-300-06	School	2020	GF	\$ 60,000	1	2	4	3	0	1	4	8	12	9	0	2	
17	Wampatuck Fire Doors	2020-300-03	School	2020	GF	\$ 110,000	1	2	1	0	0	1	4	8	3	0	0	2	
54	Hatherly Roof Replacement	2021-300-03	School	2021	GF	TBD	1	3	5	5	1	3	4	12	15	15	2	6	
51	Lease of School Busses	2021-300-02	School	2021	GF	\$ 210,000	1	4	2	3	4	4	4	16	6	9	8	8	
45	Replace Flooring - High School	2021-300-01	School	2021	GF	\$ 300,000	1	2	4	3	1	5	4	8	12	9	2	10	
45	School Technology	2021-300-07	School	2021	GF	\$ 150,000	1	2	2	3	4	5	4	8	6	9	8	10	
41	High School Locker Rooms	2021-300-03	School	2021	GF	\$ 500,000	1	2	2	3	4	3	4	8	6	9	8	6	
38	Jenkins Roof Replacement	2021-300-06	School	2021	GF	\$ 1,200,000	1	3	3	3	0	2	4	12	9	9	0	4	
30	Cushing Parking Lot	2021-300-05	School	2021	GF	\$ 475,000	1	2	1	3	0	3	4	8	3	9	0	6	
53	Lease of School Busses	2022-300-02	School	2022	GF	\$ 210,000	1	4	2	3	4	5	4	16	6	9	8	10	
45	School Technology	2022-300-03	School	2022	GF	\$ 130,000	1	2	2	3	4	5	4	8	6	9	8	10	
45	Cushing Window Replacement	2022-300-07	School	2022	GF	TBD	1	3	5	4	0	1	4	12	15	12	0	2	
41	Replace Flooring - High School	2022-300-03	School	2022	GF	\$ 250,000	1	2	4	3	1	3	4	8	12	9	2	6	
38	High School Roof Replacement	2022-300-05	School	2022	GF	\$ 1,000,000	1	3	3	3	0	2	4	12	9	9	0	4	
30	Hatherly Parking Lot	2022-300-05	School	2022	GF	\$ 1,400,000	1	2	1	3	0	3	4	8	3	9	0	6	
26	Elementary School Sink Replacement	2022-300-04	School	2022	GF	TBD	1	2	1	3	0	1	4	8	3	9	0	2	
53	Lease of School Busses	2023-300-02	School	2023	GF	\$ 210,000	1	4	2	3	4	5	4	16	6	9	8	10	
41	School Technology	2023-300-09	School	2023	GF	\$ 100,000	1	2	2	3	4	3	4	8	6	9	8	6	
39	Hatherly Univents	2023-300-08	School	2023	GF	\$ 500,000	1	2	4	3	0	3	4	8	12	9	0	6	
39	Renovate Wampatuck School Kitchen	2023-300-10	School	2023	GF	\$ 390,000	1	2	4	3	0	3	4	8	12	9	0	6	
36	Main Floor High School Gym	2023-300-08	School	2023	GF	\$ 225,000	1	3	3	3	0	1	4	12	9	9	0	2	
35	Cushing Portico	2023-300-07	School	2023	GF	TBD	1	2	4	3	0	1	4	8	12	9	0	2	
30	Wampatuck Parking Lot	2023-300-05	School	2023	GF	\$ 325,000	1	2	1	3	0	3	4	8	3	9	0	6	
53	Lease of School Busses	2024-300-02	School	2024	GF	\$ 210,000	1	4	2	3	4	5	4	16	6	9	8	10	

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Total	Project	Project #	Department	Year	Fund	Request	CRITERIA						SCORE						Comment
							A	B	C	D	E	F	A	B	C	D	E	F	
39	Wampatuck Flooring Replacement	2024-300-06	School	2024	GF	\$ 250,000	1	2	4	3	0	3	4	8	12	9	0	6	
39	Wampatuck Teachers' Room	2024-300-07	School	2024	GF	\$ 40,000	1	2	4	3	0	3	4	8	12	9	0	6	
36	Wampatuck Roof Replacement	2024-300-05	School	2024	GF	\$ 300,000	1	3	3	3	0	1	4	12	9	9	0	2	
36	Small Gym High School	2024-300-08	School	2024	GF	\$ 225,000	1	3	3	3	0	1	4	12	9	9	0	2	
54	Replacement of High School Track		School/Recreation	2020	GF	\$ 1,917,695	1	4	4	4	1	4	4	16	12	12	2	8	<b>CPC application filed</b>
<b>GF Total</b>						<b>\$ 66,456,747</b>													
63	Widows Walk Upgrades (Clubhouse & Site)	2020-661-01	Widows Walk	2020	Golf	\$ 940,000	5	2	4	3	2	5	20	8	12	9	4	10	
<b>Golf Total</b>						<b>\$ 940,000</b>													
48	SCTV Studio Relocation	2022-159-03	PEG Access	2022	PEG	\$ 225,000	5	0	2	4	0	5	20	0	6	12	0	10	<b>PEG Access funds</b>
<b>PEG Total</b>						<b>\$ 225,000</b>													
68	SCADA Upgrade Phase 4	2020-440-01	Sewer	2020	S	\$ 330,000	5	3	3	3	4	5	20	12	9	9	8	10	
62	OSHA & SPCC Compliance	2020-440-03	Sewer	2020	S	\$ 30,000	5	4	5	3	0	1	20	16	15	9	0	2	
57	Clarifier Upgrade	2020-440-06	Sewer	2020	S	\$ 203,775	5	3	4	3	1	1	20	12	12	9	2	2	
49	Dewatering Heating System Replacement	2020-440-05	Sewer	2020	S	\$ 100,000	5	3	1	4	0	1	20	12	3	12	0	2	
47	Assessment of Wastewater Treatment Plant	2020-440-02	Sewer	2020	S	\$ 65,000	5	3	3	0	0	3	20	12	9	0	0	6	
73	Infiltration/Inflow- Oceanside	2021-440-02	Sewer	2021	S	\$ 4,900,000	5	4	4	3	4	4	20	16	12	9	8	8	
63	Structural Repairs at Wastewater Treatment Plant	2021-440-01	Sewer	2021	S	\$ 250,000	5	3	3	4	0	5	20	12	9	12	0	10	
59	Rehab First Parish Pump Station	2021-440-03	Sewer	2021	S	\$ 123,000	5	3	4	3	0	3	20	12	12	9	0	6	
57	RAS Capacity	2021-440-04	Sewer	2021	S	\$ 360,000	5	3	4	3	0	2	20	12	12	9	0	4	
52	Replace #54 2005 F-150 Pick-up w/plow	2021-440-06	Sewer	2021	S	\$ 52,000	5	0	5	5	0	1	20	0	15	15	0	2	
43	Influent Grit Removal	2021-440-05	Sewer	2021	S	\$ 2,050,000	5	3	2	1	0	1	20	12	6	3	0	2	
63	Influent Pump Upgrade	2022-440-01	Sewer	2022	S	\$ 1,630,000	5	3	4	3	0	5	20	12	12	9	0	10	
46	Laboratory Rehabilitation	2022-440-02	Sewer	2022	S	\$ 100,000	5	2	1	3	0	3	20	8	3	9	0	6	
43	Septage Grit Removal System	2022-440-03	Sewer	2022	S	\$ 253,000	5	3	2	1	0	1	20	12	6	3	0	2	
71	Add to Collection System for Phased Expansion	2023-440-01	Sewer	2023	S	\$ 12,000,000	5	3	5	2	4	5	20	12	15	6	8	10	
55	Replace WWTP Generator	2023-440-02	Sewer	2023	S	\$ 380,000	5	2	4	3	0	3	20	8	12	9	0	6	
72	Infiltration/Inflow Chain Pond	2024-440-01	Sewer	2024	S	\$ 4,200,000	5	4	4	2	4	5	20	16	12	6	8	10	
61	Replace UV System	2024-440-02	Sewer	2024	S	\$ 700,000	5	3	4	3	0	4	20	12	12	9	0	8	
61	Clarifier Replacement	2024-440-03	Sewer	2024	S	\$ 1,250,000	5	3	4	3	1	3	20	12	12	9	2	6	
55	Replace Soda Ash Silo	2024-440-05	Sewer	2024	S	\$ 400,000	5	3	4	3	0	1	20	12	12	9	0	2	
<b>S Total</b>						<b>\$ 29,376,775</b>													
50	Trenching & Installation of Conduit	2020-433-03	Transfer Station	2020	TS	\$ 50,000	5	2	3	3	0	2	20	8	9	9	0	4	
46	Powerwash & Paint Metal Space Buildings	2020-433-02	Transfer Station	2020	TS	\$ 45,000	5	2	1	3	0	3	20	8	3	9	0	6	
44	Crack Seal & Pavement Markings	2020-433-01	Transfer Station	2020	TS	\$ 40,000	5	2	1	3	0	2	20	8	3	9	0	4	
56	Replace 2010 Front End Loader	2021-433-01	Transfer Station	2021	TS	\$ 170,000	5	2	2	4	0	5	20	8	6	12	0	10	



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							A	B	C	D	E	F	A	B	C	D	E	F		
56	Replace 1983 Tractor Yard Jockey	2021-433-02	Transfer Station	2021	TS	\$ 65,000	5	2	4	4	0	2	20	8	12	12	0	4		
56	Replace 2010 Backhoe	2022-433-01	Transfer Station	2022	TS	\$ 150,000	5	2	2	4	0	5	20	8	6	12	0	10		
<b>TS Total</b>						<b>\$ 520,000</b>														
73	Emergency Treatment at Wells 17A & 18B	2020-450-01	Water	2020	W	\$ 210,000	5	3	4	5	2	5	20	12	12	15	4	10	part of STM	
72	Engineering & Design Water Plant & SCADA	2020-450-03	Water	2020	W	\$ 4,000,000	5	4	4	4	2	4	20	16	12	12	4	8		
71	Permanent Filtration Well 18B	2020-450-02	Water	2020	W	\$ 500,000	5	3	4	5	1	5	20	12	12	15	2	10		
68	Ice Piggig	2020-450-05	Water	2020	W	\$ 200,000	5	3	5	3	3	3	20	12	15	9	6	6		
63	Humarock Water Mains-Engineering	2020-450-08	Water	2020	W	\$ 800,000	5	3	4	3	4	1	20	12	12	9	8	2		
62	Repairs to Water Treatment Plant	2020-450-06	Water	2020	W	\$ 80,000	5	3	4	4	0	3	20	12	12	12	0	6		
61	Water System Study	2020-450-04	Water	2020	W	\$ 100,000	5	3	2	3	3	4	20	12	6	9	6	8	part of STM	
55	Emergency Generator at Well #11	2018-450-07	Water	2020	W	\$ 90,000	5	2	4	3	0	3	20	8	12	9	0	6		
53	New Treatment Well 17A - Construction	2020-450-10	Water	2020	W	\$ 8,000,000	5	2	4	3	1	1	20	8	12	9	2	2		
51	Mini-Excavator	2020-450-11	Water	2020	W	\$ 70,000	5	2	4	3	0	1	20	8	12	9	0	2		
50	10 Yr Meter replacement cycle program	2020-450-09	Water	2020	W	\$ 180,000	5	2	1	3	4	1	20	8	3	9	8	2		
48	West End Well Investigation	2020-450-07	Water	2020	W	\$ 300,000	5	3	1	3	0	2	20	12	3	9	0	4		
67	Replace Water Mains (galvanized pipe)	2021-450-01	Water	2021	W	\$ 2,300,000	5	3	4	3	4	3	20	12	12	9	8	6		
67	Humarock Water Mains-Construction	2021-450-05	Water	2021	W	\$ 4,700,000	5	3	4	3	4	3	20	12	12	9	8	6		
54	10 Yr Meter replacement cycle program	2021-450-04	Water	2021	W	\$ 180,000	5	2	1	3	4	3	20	8	3	9	8	6		
52	Replace Truck #35 2008 Chevy Silverado Pick-up	2021-450-03	Water	2021	W	\$ 53,000	5	0	4	4	0	4	20	0	12	12	0	8		
30	Replace Truck #38 2008 Chevy Colorado Pick-up	2021-450-03	Water	2021	W	\$ 57,000	5	0	1	1	0	2	20	0	3	3	0	4		
76	New Treatment Plant	2022-450-01	Water	2022	W	\$ 25,000,000	5	4	5	5	0	5	20	16	15	15	0	10		
68	New Water Tank	2022-450-02	Water	2022	W	\$ 2,300,000	5	4	4	4	0	4	20	16	12	12	0	8		
67	Replace Water Mains Phase 5	2022-450-03	Water	2022	W	\$ 1,100,000	5	3	4	3	4	3	20	12	12	9	8	6		
54	Reservoir Expansion	2022-450-04	Water	2022	W	\$ 1,790,000	5	2	3	3	2	2	20	8	9	9	4	4		
50	10 Yr Meter replacement cycle program	2022-450-06	Water	2022	W	\$ 185,000	5	2	1	3	4	1	20	8	3	9	8	2		
69	Replace Water Mains Phase 6	2023-450-03	Water	2023	W	\$ 1,200,000	5	3	4	3	4	4	20	12	12	9	8	8		
67	Redevelopment of Public Wells	2023-450-01	Water	2023	W	\$ 100,000	5	3	4	3	2	5	20	12	12	9	4	10		
60	Dolan Field Well	2023-450-04	Water	2023	W	\$ 2,500,000	5	3	3	3	2	3	20	12	9	9	4	6		
59	Emergency Generator at Well #10	2023-450-06	Water	2023	W	\$ 250,000	5	2	4	3	3	2	20	8	12	9	6	4		
58	Chemical Upgrades - Wells	2023-450-02	Water	2023	W	\$ 450,000	5	3	3	3	0	4	20	12	9	9	0	8		
50	10 Yr Meter replacement cycle program	2023-450-07	Water	2023	W	\$ 185,000	5	2	1	3	4	1	20	8	3	9	8	2		
50	Repair Mann Lot Standpipe	2024-450-05	Water	2023	W	\$ 1,000,000	5	2	1	3	1	4	20	8	3	9	2	8		
32	Replace Truck #39 2009 Chevy Silverado Pick-up	2023-450-05	Water	2023	W	\$ 59,000	5	0	1	1	0	3	20	0	3	3	0	6		
69	Replace Water Mains Phase 7	2024-450-02	Water	2024	W	\$ 1,300,000	5	3	4	3	4	4	20	12	12	9	8	8		
52	10 Yr Meter replacement cycle program	2024-450-04	Water	2024	W	\$ 190,000	5	2	1	3	4	2	20	8	3	9	8	4		

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36	West End Well Construction	2024-450-01	Water	2024	W	\$ 3,000,000	5	0	1	1	0	5	20	0	3	3	0	10		
32	Replace Utility Body Vehicle #36	2024-450-03	Water	2024	W	\$ 61,000	5	0	1	1	0	3	20	0	3	3	0	6		
<b>W Total</b>						<b>\$ 62,490,000</b>														
66	Replacement of Pump Out Boat	2020-298-02	Waterways	2020	WW	\$ 79,061	5	4	4	4	0	3	20	16	12	12	0	6		
65	Comprehensive Dredge Permit	2020-298-03	Waterways	2020	WW	\$ 100,000	5	4	3	4	2	2	20	16	9	12	4	4		
53	Replace 2007 Harbormaster Vehicle	2020-298-1	Waterways	2020	WW	\$ 43,000	5	2	1	2	4	4	20	8	3	6	8	8		
48	Replacement Main Floats	2020-298-04	Waterways	2020	WW	\$ 84,000	5	2	3	3	0	1	20	8	9	9	0	2		
30	Harbormaster Truck (Second Vehicle)	2020-298-01	Waterways	2020	WW	\$ 43,000	5	0	0	0	0	5	20	0	0	0	0	10		
67	Replacement of Docks & Gangways Cole Pkwy Marina	2021-298-01	Waterways	2021	WW	\$ 250,000	5	3	4	3	2	5	20	12	12	9	4	10		
65	Mooring Field Regrid	2021-298-02	Waterways	2021	WW	\$ 45,000	5	3	4	5	0	3	20	12	12	15	0	6		
36	Aquaculture Plan	2021-298-03	Waterways	2021	WW	\$ 49,900	5	2	2	0	0	1	20	8	6	0	0	2		
67	Replacement of Docks & Gangways Cole Pkwy Marina	2022-298-01	Waterways	2022	WW	\$ 250,000	5	3	4	3	2	5	20	12	12	9	4	10		
46	Driftway Boat Landing	2022-298-02	Waterways	2022	WW	\$ 100,000	5	2	1	3	0	3	20	8	3	9	0	6		
69	Replacement of Docks & Gangways Cole Pkwy Marina	2023-298-01	Waterways	2023	WW	\$ 250,000	5	3	4	3	3	5	20	12	12	9	6	10		
46	Re-power Unit #1	2023-298-02	Waterways	2023	WW	\$ 43,000	5	2	1	3	0	3	20	8	3	9	0	6		
69	Replacement of Docks & Electrical Cole Pkwy Marina	2024-298-01	Waterways	2024	WW	\$ 250,000	5	3	4	3	3	5	20	12	12	9	6	10		
67	Replacement of 2004 Harbormaster Truck	2024-298-02	Waterways	2024	WW	\$ 43,000	5	3	4	3	3	4	20	12	12	9	6	8		
63	Harbormaster Office ADA Renovations	2024-298-04	Waterways	2024	WW	\$ 75,000	5	3	4	3	3	2	20	12	12	9	6	4		
46	Re-power Unit #2	2024-298-03	Waterways	2024	WW	\$ 43,000	5	2	1	3	0	3	20	8	3	9	0	6		
<b>WW Total</b>						<b>\$ 1,747,961</b>														
<b>Grand Total</b>						<b>\$ 162,003,675</b>														

**Town of Scituate  
Capital Plan - FY 2020-2024  
Town Administrator Recommendations for FY 2020**

						AVAILABLE FUNDING SOURCES												
<b>Total</b>	<b>Project</b>	<b>Department</b>	<b>Year</b>	<b>Fund</b>	<b>Request</b>	<b>Free Cash</b>	<b>Other Articles</b>	<b>Meals Tax</b>	<b>Borrowing</b>	<b>Water RE</b>	<b>Sewer RE</b>	<b>T Stn RE</b>	<b>Wways RE</b>	<b>Cap Stab</b>	<b>Wtr Cap Stab</b>	<b>Swr Cap Stab</b>	<b>Golf Cap Stab</b>	<b>Total</b>
						<b>\$1,208,014</b>	<b>\$162,995</b>	<b>\$184,000</b>	<b>\$0</b>	<b>\$290,692</b>	<b>\$732,292</b>	<b>\$264,171</b>	<b>\$606,026</b>	<b>\$458,006</b>	<b>\$253,104</b>	<b>\$316,371</b>	<b>\$15,014</b>	<b>Recomm</b>
66	Roads & Sidewalks	DPW - Highway	2020	GF	\$ 200,000	\$200,000												\$200,000
56	Cudworth Cemetery Expansion	DPW - Grounds	2021	GF	\$ 100,000			\$84,000						\$16,000				\$100,000
56	Construction New Senior Center & Veterans Memorial Gym Rehabilitation	COA	2020	GF	\$ 16,000,000				\$16,000,000									\$16,000,000
55	Update ADA Evaluation & Transition Plan	BOS/Disability Commission	2020	GF	\$ 150,000			\$100,000										\$100,000
54	Replacement of High School Track	School/Recreation	2020	GF	\$ 1,917,695													\$0
53	Lease of School Busses	School	2020	GF	\$ 210,000													\$0
48	Humarock Fire Station Quarters Replacement	Fire	2020	GF	\$ 275,000									\$275,000				\$275,000
46	Security Upgrades to Public Facilities	BOS/Town Administrator	2020	All	\$ 630,565	\$200,000	\$65,449											\$265,449
50	Foreshore Protection	DPW - Foreshore Protection	2020	GF	\$ 200,000				\$200,000									\$200,000
49	Replace Ambulance	Fire	2020	GF	\$ 289,634	\$50,000												\$50,000
48	Wampatuck Playground	School	2020	GF	\$ 30,000													\$0
47	MS4 Compliance	DPW - Engineering	2020	GF	\$ 50,000	\$50,000												\$50,000
46	Generator at Library	Facilities (Library)	2020	GF	\$ 190,000													\$0
45	School Technology	School	2020	GF	\$ 110,000	\$110,000												\$110,000
40	Truck 2-9 Replacement	DPW - Grounds	2020	GF	\$ 45,000	\$45,000												\$45,000
43	Backhoe Replacement	DPW - Highway	2020	GF	\$ 135,000	\$135,000												\$135,000
39	Gates School Field Repair	DPW - Grounds	2020	GF	\$ 60,000													\$0
39	Truck 2-5, Medium Duty Dump Truck	DPW - Grounds	2020	GF	\$ 95,000													\$0
39	Wampatuck Portico	School	2020	GF	\$ 150,000													\$0
38	Replace #2-0 1999 Ford 250 Pick-up	DPW - Grounds	2020	GF	\$ 50,000													\$0
37	Walkway Improvement at Town Hall	DPW - Grounds	2020	GF	\$ 35,000													\$0
35	High School Carpet	School	2020	GF	\$ 60,000													\$0
35	Foam Road Drainage	DPW - Highway	2020	GF	\$ 53,961													\$0
35	Surfside Road Drainage	DPW - Highway	2020	GF	\$ 40,770													\$0
35	Beaver Dam Road	DPW - Highway	2020	GF	\$ 336,137													\$0
37	Excavator	DPW - Grounds	2020	GF	\$ 65,000													\$0
31	Cemetery Maintenance Database Program	DPW - Grounds	2020	GF	\$ 30,000													\$0
29	Glades Road Sidewalk	DPW - Highway	2020	GF	\$ 43,000													\$0
29	Truck 1-9, Diesel Pick-up Truck	DPW - Highway	2020	GF	\$ 65,000													\$0
29	Card Access Installation	Facilities	2020	GF	\$ 65,000													\$0
28	Truck 1-2, Diesel Pick-up Truck	DPW - Highway	2020	GF	\$ 45,000													\$0
26	#42 2002 Ford Van	DPW - Engineering	2020	GF	\$ 35,000													\$0
26	Truck 101 Medium Duty Truck	DPW - Highway	2020	GF	\$ 50,000													\$0
29	Street Sweeper	DPW - Highway	2020	GF	\$ 242,000													\$0
24	Truck 102, Medium Duty Truck	DPW - Highway	2020	GF	\$ 50,000													\$0
0	Replace #2-8 - 2007 Chevy 3600 Dump Truck	DPW - Grounds	2020	GF	\$ 65,000													\$0
24	Multihog Roadside Brush Cutter	DPW - Grounds	2020	GF	\$ 142,000													\$0
24	Truck 1-8, Diesel Pick-up Truck	DPW - Highway	2020	GF	\$ 45,000													\$0
23	Replace Facilities Director & Handyman Vehicles	Facilities	2020	GF	\$ 26,000													\$0
20	Replace 2006 Chevy Colorado Pick-up 4-2	DPW - Engineering	2020	GF	\$ 35,000													\$0

**Town of Scituate  
Capital Plan - FY 2020-2024  
Town Administrator Recommendations for FY 2020**

Total	Project	Department	Year	Fund	Request	AVAILABLE FUNDING SOURCES												Total Recomm	
						Free Cash \$1,208,014	Other Articles \$162,995	Meals Tax Tax Levy \$184,000	Borrowing \$0	Water RE \$290,692	Sewer RE \$732,292	T Stn RE \$264,171	Wways RE \$606,026	Cap Stab \$458,006	Wtr Cap Stab \$253,104	Swr Cap Stab \$316,371	Golf Cap Stab \$15,014		
17	Wampatuck Fire Doors	School	2020	GF	\$ 85,000														\$0
10	Replace 2005 Admin Vehicle	Fire	2020	GF	\$ 48,825														\$0
				<b>GF Total</b>	<b>\$ 22,550,587</b>	<b>\$ 790,000</b>	<b>\$ 65,449</b>	<b>\$ 184,000</b>	<b>\$ 16,200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 291,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 17,530,449</b>
63	Widows Walk Upgrades (Clubhouse & Site)	Widows Walk	2020	Golf	\$ 940,000														\$0
				<b>Golf Total</b>	<b>\$ 940,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
68	SCADA Upgrade Phase 4	Sewer	2020	S	\$ 330,000						\$130,000						\$200,000		\$330,000
62	OSHA & SPCC Compliance	Sewer	2020	S	\$ 30,000						\$30,000								\$30,000
57	Clarifier Upgrade	Sewer	2020	S	\$ 203,775														\$0
49	Dewatering Heating System Replacement	Sewer	2020	S	\$ 100,000						\$100,000								\$100,000
47	Assessment of Wastewater Treatment Plant	Sewer	2020	S	\$ 65,000														\$0
				<b>S Total</b>	<b>\$ 728,775</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 260,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ 460,000</b>
50	Trenching & Installation of Conduit	Transfer Station	2020	TS	\$ 50,000														\$0
46	Powerwash & Paint Metal Space Buildings	Transfer Station	2020	TS	\$ 45,000														\$0
44	Crack Seal & Pavement Markings	Transfer Station	2020	TS	\$ 40,000			\$9,726					\$30,274						\$40,000
				<b>TS Total</b>	<b>\$ 135,000</b>	<b>\$ -</b>	<b>\$ 9,726</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,274</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 40,000</b>
0	Emergency Treatment at Wells 17A & 18B	Water	2020	W	\$ 210,000														\$0
72	Engineering & Design Water Plant & SCADA	Water	2020	W	\$ 4,000,000					\$4,000,000								\$4,000,000	
71	Permanent Filtration Well 18B	Water	2020	W	\$ 500,000													\$0	
68	Ice Piggging	Water	2020	W	\$ 200,000											\$200,000		\$200,000	
63	Humarock Water Mains-Engineering	Water	2020	W	\$ 800,000					\$800,000								\$800,000	
62	Repairs to Water Treatment Plant	Water	2020	W	\$ 80,000													\$0	
61	Water System Study	Water	2020	W	\$ 100,000													\$0	
55	Emergency Generator at Well #11	Water	2020	W	\$ 90,000													\$0	
53	New Treatment Well 17A - Construction	Water	2020	W	\$ 8,000,000					\$8,000,000								\$8,000,000	
51	Mini-Excavator	Water	2020	W	\$ 70,000			\$53,098			\$16,902							\$70,000	
50	10 Yr Meter replacement cycle program	Water	2020	W	\$ 180,000													\$0	
48	West End Well Investigation	Water	2020	W	\$ 300,000													\$0	
				<b>W Total</b>	<b>\$ 14,530,000</b>	<b>\$ -</b>	<b>\$ 53,098</b>	<b>\$ -</b>	<b>\$ 12,800,000</b>	<b>\$ 16,902</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 13,070,000</b>	
66	Replacement of Pump Out Boat	Waterways	2020	WW	\$ 79,061							\$79,061						\$79,061	
65	Comprehensive Dredge Permit	Waterways	2020	WW	\$ 100,000							\$40,000						\$40,000	
53	Replace 2007 Harbormaster Vehicle	Waterways	2020	WW	\$ 43,000													\$0	
48	Replacement Main Floats	Waterways	2020	WW	\$ 84,000													\$0	
30	Harbormaster Truck (Second Vehicle)	Waterways	2020	WW	\$ 43,000													\$0	
				<b>WW Total</b>	<b>\$ 349,061</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 119,061</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 119,061</b>	
				<b>Grand Total</b>	<b>\$ 39,233,423</b>	<b>\$ 790,000</b>	<b>\$ 128,273</b>	<b>\$ 184,000</b>	<b>\$ 29,000,000</b>	<b>\$ 16,902</b>	<b>\$ 260,000</b>	<b>\$ 30,274</b>	<b>\$ 119,061</b>	<b>\$ 291,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$0</b>	<b>\$ 31,219,510</b>

Remaining Balance Available

\$418,014      \$34,722      \$0      \$0      \$273,790      \$472,292      \$233,897      \$486,965      \$167,006      \$53,104      \$116,371      \$15,014

## Open Balances in Capital Articles

Org (1)	Object	Project (2)	Dept	Description	2019 Available	Comment
1161914	589000	14A5F	Town Clerk	Voting Machines	6,400.50	
1175918	589000	18A3O	Planning	MASTER PLAN UPDATE	100,000.00	
1210916	589000	16A4C	Police	PSC Monopole & Dispatch System	4.00	
1210918	589000	18A3G	Police	Radio Equipment & Infrastr	3,337.28	
1220916	589000	16A4I	Fire	Ambulance	957.24	
1220917	589000	17A3D	Fire	Renovate Station 4	238,437.23	
1220918	589000	18A3F	Fire	Station 4 Phase 2 Renov	50,000.00	
1220918	589000	18A3L	Fire	Rescue Pumper Replacement	7,646.00	
1220918	589000	18A3N	Fire	Communications Equip Stn 1&4	294,347.24	Contract awarded-\$283,089
1300914	589000	14A5I	School	Generator at SHS	16,170.00	
1300914	589000	14A5P	School	Jenkins School Playground Stai	7,826.64	
1300914	589000	14S10	School	School Painting	24,165.17	
1300915	589000	15A3E	School	Jenkins Outside Stairs	50,000.00	
1300916	589000	16S3	School	HS Foyer Repair	32,276.54	
1300916	589000	16S4	School	Cushing & HS Field Well	68,870.00	
1300917	589000	17A3E	School	Jenkins Swing Set	28,380.00	
1300917	589000	17A3I	School	Hatherly Cushing Modulars	30,949.33	
1300917	589000	17A3J	School	Ceiling Tile Replacement H-C	40,000.00	
1300917	589000	17A3O	School	Hatherly Roof Trim & Fascia	750.00	
1300918	589000	183BB	School	HS Floors Science,Cafe,Strs	5,445.45	
1300918	589000	183CC	School	School Carpeting	77.93	
1300918	589000	18A3R	School	School Technology	14,585.41	
1300918	589000	18A3U	School	Study Hatherly,Cushing & Wamp	8,259.76	
1300918	589000	18A3X	School	Design HS Locker Rooms	2,766.00	
1300918	589000	18A3Z	School	HS Expansion Tanks	257.00	
1410914	589000	14A5K	Facilities	Town Hall Ventilation	35,000.00	
1410917	589000	17A3M	Facilities	Police Station Demolition	36,075.15	generator for radio shack
1410917	589000	17A3P	Facilities	ADA Transition Plan	50,000.00	Need additional funds
1411911	589000	11A3K	Engineering	DPW Survey Equipment	4,676.60	
1411914	589000	14A5M	Engineering	MS4 Compliance	40,575.29	ongoing
1411917	589000	17A3A	Engineering	Road & Sidewalk Impvmnts	75,315.11	
1429915	589000	15A3G	DPW Grounds	Cudworth Cemetery	7,864.24	engineering ongoing
1411917	589000	17A3H	DPW Grounds	Cudworth Cemetery Ph 2	50,000.00	engineering ongoing
1429918	589000	18A3J	DPW Grounds	Expand Cudworth Cemetery #3	140,000.00	engineering ongoing
1422914	589000	14S04	DPW Highway	FEMA ROADWAY H SANDY TOWN SHAR	66,238.00	
1422916	589000	16A4A	DPW Highway	Replace DPW Truck 1-5	21.18	
1422918	589000	18A3K	DPW Highway	Replace Vehicle #1-7	5,853.00	
1422918	589000	18A3S	DPW Highway	Vehicle #2-7 replacement	4,883.00	
1422918	589000	18A3T	DPW Highway	Vehicle #1-1 replacement	5,151.01	
1429918	589000	18A3P	DPW Grounds	Vehicle #2-3 replacement	1,640.00	
1429918	589000	18A3W	DPW Grounds	Vehicle #2-4 replacement	2,375.00	
1429918	589000	18A3Y	DPW Grounds	Vehicle #2-1 replacement	5,131.22	
1541918	589000	18A3M	COA	Senior Center Design & Eng	258,750.00	
1630916	589000	16A4M	Recreation	Purchase of 6 Club 420 Boats	2,300.25	
1630917	589000	17A3K	Recreation	Turf Carpet Replacement	445,000.00	
1720914	589000	14S06	Debt Paydown	Transfer Station Debt Paydown	646.94	
32000580	589000	12A4H	Facilities	Energy savings contract (ESCO)	368,792.15	final projects identified
32000580	589000	12A4J	Facilities	Facilities Design/Engineering/	55,958.87	OPM contract for senior center
32000580	589000	14A5A	Accounting	Integrated Financial System	637.50	Contract awarded
32000580	589000	14A5B	Police	Radio Communications System	746.38	
32000580	589000	15S01	Police/Fire	Public Safety Complex Construc	465,898.08	ST borrowing - can rescind
32000580	589000	17A3G	DPW Highway	Culvert Improvements Baileys	394,426.48	Permitting almost complete
32000580	589000	18A3E	DPW Highway	Roads & Sidewalks	200,000.00	
32000580	589000	18A3I	Engineering	Foreshore Protection	172,000.00	
31000580	589000	15S02	School	Middle School Construction	2,586,251.46	
37000580	589000	13S12	Library	Library Renovation (DE)	258,884.06	ST borrowing - can rescind
<b>Non-Enterprise Fund Projects</b>					<b>6,772,999.69</b>	

(1) Orgs that begin with '3' indicate funding by borrowing.

(2) First two digits indicate the year in which project was authorized by town meeting.

## Open Balances in Capital Articles

Org (1)	Object	Project (2)	Dept	Description	2019 Available	Comment
61661917	589000	17A3U	Widows Walk	Irrigation System Design	25,000.00	RFP issued
61661917	589000	17A3V	Widows Walk	HVAC Replacement	70,100.00	Contract awarded \$65,294
61661918	589000	18A3A	Widows Walk	Design & Eng Imprvmnts	30,000.00	Committee to be appointed
61661918	589000	18A3C	Widows Walk	Netting Replacement	40,000.00	
<b>Golf Enterprise Projects</b>					<b>165,100.00</b>	
63433580	589000	16A4X	Transfer Station	Rolloff Container Truck	65,000.00	
63433914	589000	14A5A	Transfer Station	Refuse Truck	9,726.66	
63433917	589000	173DD	Transfer Station	Landfill Gas Piping	175,000.00	
63433918	589000	183LL	Transfer Station	Sand Blast & Paint Scale	40,000.00	
<b>Transfer Station Enterprise Projects</b>					<b>289,726.66</b>	
34000580	589000	164AA	Sewer	SCADA Phase 2 of 3	370.86	
34000580	589000	16A4Y	Sewer	Copper Limit Reduction Study	68,510.74	
34000580	589000	173FF	Sewer	Cedar Point Inflow & Infiltrn	137,301.32	Contract issued
34000580	589000	183GG	Sewer	Rehab Belt Filter & Sludge	226,406.00	
64440918	589000	183GG	Sewer	Rehab Belt Filter & Sludge	23,594.00	
64440912	589000	12A4M	Sewer	Inflow/infiltration reduction	167,792.15	
64440912	589000	12A4O	Sewer	F-150 pick-up truck	5,762.62	
64440914	589000	4A5BB	Sewer	Inflow & Infiltration	146,843.35	
64440915	589000	15A3R	Sewer	Upgrade Sand Hills Pump Statio	40,006.63	
64440917	589000	173GG	Sewer	Sewer SCADA Phase 3	33,850.00	
64440917	589000	173HH	Sewer	Rehabilitation Clarifier 3	21,069.97	
64440918	589000	183HH	Sewer	Aeration Tanks 1 & 2 Rehab	38,280.00	
64440918	589000	183II	Sewer	Sand Hills & Chain Pond Final	50,160.00	
64440918	589000	183KK	Sewer	Replace grinders,digester,poly	77,564.64	
<b>Sewer Enterprise Projects</b>					<b>1,037,512.28</b>	
35000580	589000	10A4H	Water	Water Mains	281,511.46	For use with \$22M project
35000580	589000	11A3N	Water	Cleaning/Lining Water Mains	78,932.40	Ice pigging contract
35000580	589000	12A4R	Water	Water back-up generator well #	67,607.05	Contract issued Nov 2018
35000580	589000	13S11	Water	WATER MAIN REPLACEMENT	969,211.81	\$22M project-phase 3C
35000580	589000	16A4T	Water	SCADA at Wells	81,500.00	
35000580	589000	16A4U	Water	Water Finish Pumps & VFD Drive	2,955.00	
35000580	589000	16Q4S	Water	Design Water Plant Filter Expn	45,500.00	
35000580	589000	183MM	Water	Creelman Tank Valve Replacemnt	80,000.00	
35000580	589000	183NN	Water	Chemical Feed Tanks	390,000.00	December 2018 project
35000580	589000	183OO	Water	Vehicle #34 Replacement	92.15	
35000580	589000	183PP	Water	Meter Replacement	124,050.24	Ongoing
35000580	589000	183QQ	Water	Vehicle #37 Replacement	18,420.94	Contract issued
35000580	589000	183RR	Water	Upgrade to Well #17A	10,490.00	Ongoing
65450909	589000	09A4H	Water	Pressure Reducing Valve	140,000.00	Contract awarded-\$99,000
65450913	589000	13N11	Water	Water Main Replacement	201,885.58	\$22M project-phase 3C
65450914	589000	14A5W	Water	Standpipe Repair & Maintenance	31,222.00	
65450916	589000	16A4O	Water	Well #18 Envir. Review	2,077.90	
65450916	589000	16A4P	Water	Emergency Generator Well #18	85,000.00	Contract issued Nov 2018
65450916	589000	16A4R	Water	Well #17 Upgrades	6,510.06	Ongoing
65450916	589000	16A4V	Water	WTP Fire & Security Upgrades	4,815.00	
65450916	589000	16A4W	Water	Replace Water Truck #35	412.00	
65450917	589000	173AA	Water	Reservoir Feed Project	104,610.00	
65450917	589000	173BB	Water	Gran Act Carbon Material Repl	44,233.52	
65450917	589000	173CC	Water	Chevy Pick-up	319.12	
65450917	589000	17A3X	Water	Redevelopment Public Wells	271.21	
65450917	589000	17A3Y	Water	Dolan Field Design & Permitng	194,400.00	\$124,100 contract issued
65450917	589000	17A3Z	Water	Trac Vac System Upgrade	80,000.00	December 2018 project
<b>Water Enterprise Projects</b>					<b>3,046,027.44</b>	

(1) Orgs that begin with '3' indicate funding by borrowing.

(2) First two digits indicate the year in which project was authorized by town meeting.

## Open Balances in Capital Articles

Org (1)	Object	Project (2)	Dept	Description	2019 Available	Comment
36000580	589000	03S3	Waterways	SOUTH RIVER DREDGING	135,947.04	S River Dredge project
36000580	589000	07417	Waterways	MARINA EXPANSION	22,090.04	
36000580	589000	13A3N	Waterways	GRANITE BLOCK ANCHORS	50,000.00	Town Share Pilings Grant
36000580	589000	15A3N	Waterways	RIVER & HARBOR DREDGING	140,000.00	S River Dredge project
66298912	589000	12A4V	Waterways	Dredging - South River	30,000.00	S River Dredge project
66298912	589000	12A4W	Waterways	Rehab South River Launch	25,000.00	
66298913	589000	13A3Q	Waterways	Repairs Harbormaster Building	14,450.00	
66298915	589000	15A3O	Waterways	Replace HVAC System HM Bldg	10,200.00	
66298916	589000	16S5	Waterways	Town Match-Cole Parkway Plngs	18,189.00	Town Share Pilings Grant
66298917	589000	17A3S	Waterways	Upgrade CPM Electrical	58,345.05	
66298917	589000	17A3T	Waterways	Dock De-Icers	39,525.00	
66298918	589000	183TT	Waterways	Pilings Replacement & Addition	140,610.00	
<b>Waterways Enterprise Projects</b>					<b>684,356.13</b>	
<b>Grand Total Projects - All Funds</b>					<b>11,995,722.20</b>	

(1) Orgs that begin with '3' indicate funding by borrowing.

(2) First two digits indicate the year in which project was authorized by town meeting.

## Available Funds for FY20 Capital Plan

Funding Source	Amount	Comment	Restriction
Free Cash	808,000.00		
Water Enterprise Fund RE	0.00		
Sewer Enterprise Fund RE	233,000.00		
Transfer Station Enterprise Fund RE	50,000.00		
Waterways Enterprise Fund RE	607,000.00		
Golf (Widows Walk) Enterprise Fund RE	0.00		
Widows Walk Capital Stabilization Fund	15,014.34		
Water Capital Stabilization Fund	253,104.40		
Sewer Capital Stabilization Fund	316,370.87		
Capital Stabilization Fund	458,005.95		\$129,000 foreshore
<b>Sub-total Available Funds/Reserves</b>	<b>\$2,740,496</b>		

### Other Articles - Re-verify Balance with Department

Generator at SHS	16,170.00		Gen Fund
Jenkins School Playground Stai	7,826.64		Gen Fund
Hatherly Roof Trim & Fascia	750.00		Gen Fund
HS Floors Science,Cafe,Strs	5,445.45		Gen Fund
HS Expansion Tanks	257.00		Gen Fund
Town Hall Ventilation	35,000.00		Gen Fund
Replace DPW Truck 1-5	21.18		Gen Fund
Replace Vehicle #1-7	5,853.00	Check balance	Gen Fund
Vehicle #2-7 replacement	4,883.00	Check balance	Gen Fund
Vehicle #1-1 replacement	5,151.01	Check balance	Gen Fund
Vehicle #2-3 replacement	1,640.00	Check balance	Gen Fund
Vehicle #2-4 replacement	2,375.00	Check balance	Gen Fund
Vehicle #2-1 replacement	5,131.22	Check balance	Gen Fund
Purchase of 6 Club 420 Boats	2,300.25		Gen Fund
Transfer Station Debt Paydown	646.94		Gen Fund
Ambulance	957.24		Gen Fund
Refuse Truck	9,726.66		Transfer Station
F-150 pick-up truck	5,762.62		Sewer
Water Finish Pumps & VFD Drive (borrowing)	2,955.00		Water project
Gran Act Carbon Material Repl	44,233.52		Water project
WTP Fire & Security Upgrades	4,815.00		Water project
Redevelopment Public Wells	271.21		Water project
Vehicle #34 Replacement (borrowing)	92.15	Check balance	Water project
Replace Water Truck #35 (borrowing)	412.00	Check balance	Water project
Chevy Pick-up	319.12	Check balance	Water project
<b>Sub-total Available Articles</b>	<b>\$162,995</b>		
<b>Total Available Funds for Plan</b>	<b>\$2,903,491</b>		



Town of Sci...  
 Capital Plan - FY 2020-2024  
 Criteria Points-Summary  
 Sorted by Fund, Department, Year & Score



11/8/2018

Total	Project	Project #	Department	Year	Fund	Request	Comment
49	Minot Beach Parking Lot	2021-630-01	Recreation/DPW	2021	BCH	\$ 247,192	Beach Revolving Fund
					<b>BCH Total</b>	<b>\$ 247,192</b>	



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2018 - FY2022

Date submitted: 10/31/16

Date of Last Edit:

Project Number: 2021-630-01  
 Project Title: Minot Beach Parkin  
 Category:  
 Department: Recreation / DPW Contact: mglancy@scituatema.gov  
 Project is: New  Recurring  Resubmission   
 Phase    of   

Department Priority:  
 Urgent/Legally Required  
 Maintain Service  
 Enhancement

Description:

The Minot Beach Parking Lot has been designed by the Engineering Department to improve the drainage issues. The drainage problems have come up in the past and need to be fixed. See attached after a long rainy spell. The location of the Port-a-potty for the beach has been placed in the parking lot and with the past rainy spells it has been submerged under water. Fixing the drainage would help with this matter.

Benefits of Project and Impact if Not Completed:

With fixing the drainage problems in the parking lot, it would be re-stripped to most likely pick up more parking for the public beach. Also address any traffic problems in the area. Consulting with other departments such as the Coastal Resource Officer, Planning Department and Conservation are necessary for this project to be successful.

Discuss Operating Budget Impact:

The parking lot is well used in the summer months. With the increase in parking spaces, the parking sticker participants would have more places for vehicles. After a heavy rain the parking lot would not flood and stay open once the weather has cleared. The Scituate Engineering Department provided the Parking Lot Construction Estimates for this project, see attached.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2018	FY2019	FY2020	FY2021	FY2022
Study/Design	\$247,192				\$247,192	
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$247,192</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$247,192</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy  
 Debt  
 Enterprise Retained Earnings  
 Capital Stabilization  
 Free Cash  
 Revolving Fund  
 CPA  
 Grant(s) or Other Beach Rev.

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$247,192</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$247,192</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space  
 Recreation  
 Historical  
 Housing


Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**Minot Beach**  
**Public Parking Lot**  
**Construction Estimate**  
**October 31, 2016**

Item #	Location	Unit Cost	Unit Type	Area (sf)	Area (sy)	Depth (in)	Qty.	Item Cost
1	Mobilize	1	LS				1	\$8,000.00
2	Erosion Control	\$6.00	LF				550	\$3,300.00
3	Demolition	1	LS				1	\$3,500.00
4	Slope Repair	1	LS				1	\$12,000.00
5	Drainage swale and 8" Culvert	1	LS				1	\$10,000.00
6	Furnish & Install Oil/Sediment Separator	\$12,000.00	EA				2	\$24,000.00
7	Pulverize	\$5.00	SY				1,540	\$7,700.00
8	12"rop & Rip Rap	\$2,000.00	EA				2	\$4,000.00
9	Excavation for Subbase Unpaved Areas	\$18.00	CY				260	\$4,680.00
10	Furnish & Install Gravel for Pavement	\$45.00	Ton				532	\$23,940.00
11	Furnish & Install 2" Binder	\$120.00	Ton				325	\$39,000.00
12	Furnish & Install Straight Granite Curbing	\$60.00	LF				505	\$30,300.00
13	Furnish & Install Curved Granite Curbing	\$75.00	LF				70	\$5,250.00
14	Furnish & Install 2" Wearing Course	\$120.00	Ton				325	\$39,000.00
15	Loam & Seeding	\$45.00	CY				90	\$4,050.00
16	Pavement Markings	1	LS				1	\$3,000.00
17	Construction Oversight	\$100.00	Hr				80	\$3,000.00
Subtotal								\$224,720.00
10% Contingency								\$22,472

<b>Total Construction</b>	<b>\$247,192.00</b>
---------------------------	---------------------

  
**Town of Scituate**  
**Capital Plan - FY 2020-2024**  
**Criteria Points-Summary**  
**Sorted by Fund, Department, Year & Score**

11/8/2018

Total	Project	Project #	Department	Year	Fund	Request	Comment
55	Update ADA Evaluation & Transition Plan	2020-123-01	BOS/Disability Commission	2020	GF	\$ 150,000	
46	Security Upgrades to Public Facilities	2020-123-02	BOS/Town Administrator	2020	All	\$ 630,565	Multiple funding sources
						<b>\$ 780,565</b>	



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-123-02		
Project Title:	Security Upgrades		
Category:	Equipment		
Department:	Town-wide	Contact:	Jim Boudreau

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ x ]    Recurring [ ]    Resubmission [ ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

These security upgrades encompass technologies including (1) Security Cameras (2) Access Control and (3) Panic/Emergency Alerting. Our goal was to create a unified security solution which will help to add physical security, provide over watch and investigative capabilities should an incident occur, and deliver immediate emergency response that can be initiated by town and school employees. The solution can be phased in over multiple funding periods from various sources.

The Maritime Center has its own revolving fund which can support its improvements (\$16,320). The Scituate Harbor Community Building has MBTA funds for iThe Harbormaster's building could be supported from Waterways Retained Earnings (\$17,775). Improvements that could be used for the security upgrades (\$24,625). The Water Department could be supported from Water Retained Earnings (\$35,650). The Sewer Department could be supported from Sewer Retained Earnings (\$37,925). The Recreation Department could be supported from Recreation Revolving funds(\$29,275). The Public Safety Complex (\$11,750-\$49,250), Library (\$19,575) & Middle

**Benefits of Project and Impact if Not Completed:**

This solution will deliver integrated monitoring and alerting within the Communications Center. Accomplishing this task is relatively straightforward given the architecture and solutions which have been implemented in town over the past several years. The Town Buildings and Schools section are comprehensive in nature, structured to enhance previously implemented features in some instances and create new areas of protection where there are currently none.

**Discuss Operating Budget Impact:**

*Annual maintenance agreements for equipment.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$630,565	\$630,565					<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input checked="" type="checkbox"/> Revolving Fund
TOTAL	\$630,565	\$630,565	\$0	\$0	\$0	\$0	<input type="checkbox"/> CPA <input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$630,565	\$630,565	\$0	\$0	\$0	\$0

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



OFFICE OF THE CHIEF OF POLICE

# SCITUATE POLICE DEPARTMENT

SCITUATE, MASSACHUSETTS 02066 / TELEPHONE (781) 545-1212 / FAX (781) 545-9659

W. MICHAEL STEWART  
CHIEF OF POLICE

TO: James Boudreau, Town Administrator

FROM: Deputy Chief Mark Thompson

DATE: November 9, 2018

RE: Town Wide Security Assessment – Technological Components

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Recently, Bill Sheehan and I had the opportunity to review the security aspects of each of the buildings in town – under both the “Town” and “School” umbrellas - with regards to the implementation of various technologies. These technologies included (1) Security Cameras (2) Access Control and (3) Panic/Emergency Alerting.

We toured each of the buildings with a representative from BCM Controls. Over the past several years, BCM has been involved with a number of projects throughout the community, working to implement technology solutions to help improve our overall security posture.

Our goal was to create a unified security solution which will help to add physical security, provide over watch and investigative capabilities should an incident occur, and deliver immediate emergency response that can be initiated by town and school employees. The solution presented in the attached proposal seeks to accomplish this, in part, by building upon the “head-end” of the security system located at the Public Safety Complex. This solution will deliver integrated monitoring and alerting within the Communications Center. Accomplishing this task is relatively straightforward given the architecture and solutions which have been implemented in town over the past several years.

The following summary is broken into three components (1) Base Infrastructure (2) Town Buildings and (3) Schools. The Base Infrastructure represents networking and “head end” enhancements needed to support the overall implementation. It should also be noted that the networking upgrades included within this proposal will not only support the physical upgrades put forth by BCM, but also improve the overriding networking and cyber security posture of the town. The Town Buildings and Schools section are comprehensive in nature, structured to enhance previously implemented features in some instances and create new areas of protection where there are currently none. Each of these sections can be scaled based on overall priority and budget constraints.

Please let me know if you have any questions or require additional information.



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 11/10/16

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-123-01		
Project Title:	ADA Transition Plan		
Category:	Study/Design		
Department:	BOS/Disability Comm	Contact:	Jim Boudreau

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:	New <input checked="" type="checkbox"/> [ X ]	Recurring [ ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

**Description:**

The Town has not updated its 1995 Transition Plan and that plan did not include the School Department. A comprehensive study will provide the Town with a road map for making improvements in a methodical and informed manner. An RFP was issued in 2018 but the prices far exceeded the \$50,000 appropriation.

**Benefits of Project and Impact if Not Completed:**

See above.

**Discuss Operating Budget Impact:**

This is a one-time cost for engaging a consultant to perform the study.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$125,000	\$125,000				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

Town of Scituate  
Capital Plan - FY 2020-2024  
Criteria Points-Summary  
Sorted by Fund, Department, Year & Score

Total	Project	Project #	Department	Year	Fund	Request	Comment
56	Construction New Senior Center & Veterans Memorial Gym Rehabilitation	2020-541-01	COA	2020	GF	\$ 16,000,000	
						\$ 16,000,000	





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-541-01		
Project Title:	Senior Center Building Project & Veterans Memorial Gym Rehabilitation		
Category:	CONSTRUCTION		
Department:	COA	Contact:	Linda Hayes

**Department Priority:**

Urgent/Legally Required (ADA)

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

**Description:**

A newly constructed, 15,000 sq. ft. standalone Senior Center building at the former Gates School site designed for the existing 29% and predicted over-60 population estimated to grow to 36% during the next 12-20 years. It is a critical need for establishing a culture that supports and provides appropriate services, programs and opportunities for Scituate seniors/older adults. The building will be placed in proximity to the Recreation building wing containing the Gymnasium and independent office/program space. Efforts will be made to leverage the benefits of both buildings and utilize the features and resources to connect the community and appeal to a variety of cohorts. Opportunity will exist for outdoor amenities, including recreational resources, as well as event space, evening and weekend meeting space, and revenue-producing rentals. The visibility and prominent placement of the building, together with other community resources, will add to the benefits for older adults and provide more of the community with an understanding of the role and value of the Senior Center, and the opportunity to connect with its programs and services and to take advantage of what the building/facility offers.

**Benefits of Project and Impact if Not Completed:**

The new building will benefit the current senior population ranging from 55-100, as well as a broad range of community members that could participate, volunteer, or seek opportunities for their children or parents. There is potential for both public and private use in the evening and on weekends with some providing revenue to the General Fund. The new building will provide the Town of Scituate seniors the 'home away from home' and 'hub' of activity needed for developing opportunities for connection, stimulation, education, and information. Many benefits stem from the opportunities created through regular programming, special activities and events, and exposure to available services. Confidential office space for our Outreach/Social Services counselors and the many professional volunteers supporting the needs of community members seeking assistance will enhance and increase the benefits provided. In addition, a daily lunch and opportunity for other nutrition-related activities will add to programming for our older seniors. Having our activities in a single building will help to connect staff with our older adults and bring more awareness and benefit from the relationships. There will naturally be an increase in the visibility of opportunities for volunteers and new participants, as well as the inherent socialization benefits for our targeted population. We will continue to see unmet needs for transportation, socialization/isolation, connecting to appropriate and necessary programs to sustain health and wellness, and awareness of available activities and benefits unless we can create a place that is accessible, appealing, accommodating, functional and useful - and eventually busy! The 2014 Needs Assessment Study found that significant segments of our older population were still at risk in many areas of health and wellness, social networks, transportation and economic insecurity, and even for those financially secure residents there were concerns about the future for living in Scituate. The COA needs an expanded facility with centralized activities and resources to meet the needs of the existing senior community, as well as caregivers, at-risk adults and disabled and the younger and burgeoning number of adults who would benefit from activities and value the opportunities provided through the Senior Center so that once their needs become more acute they are connected and aware.

**Discuss Operating Budget Impact:**

I understand that funding will necessitate a tax increase for residents, but in addition we will try to off-set the burden through our own donations and affiliated fundraising efforts, as well as determining the best use of our annual and other available state funds and potential grant monies. Operationally, we have remained level-funded for several years, providing programming through participant fees, state funds, grant funds and donations, which also support some staff salaries. I anticipate that once the soft costs for opening and furnishing the building are satisfied, we will attempt to operate in much the same manner that we have been and will not need to substantially increase budget items beyond the support of the building itself. Possible exceptions would be for a single paid kitchen staff person and operation of lunch service, which would require additional funding at least partially supported by the Town along with the state Formula Grant and the use of volunteers and soliciting local business donations; and an additional staff person to manage volunteers in lieu of the combined Activities and Volunteer Coordinator position that is currently supported fully by the Formula Grant.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$16,000,000						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$16,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA (Outdoor Attributes)
							<input checked="" type="checkbox"/> Grant(s) or Other STATE \$2M

CPA Purpose(s) Check all that apply	
Grant Amount Requested	\$0
CPA Amount Requested	\$0
<b>Net of CPA and Grants</b>	<b>\$16,000,000</b>

Operating Budget Impact	
During Project	\$0

1st-Project Annual	
1st-Project One-time	\$0

- Open Space
- Recreation
- Historical
- Housing

Town of Scituate  
 Capital Plan - FY 2020-2024  
 Criteria Points-Summary  
 Sorted by Fund, Department, Year & Score

Total	Project	Project #	Department	Year	Fund	Request	Comment
47	MS4 Compliance	2020-421-01	DPW - Engineering	2020	GF	\$ 50,000	
26	#42 2002 Ford Van	2020-421-02	DPW - Engineering	2020	GF	\$ 35,000	
17	Replace 2006 Chevy Colorado Pick-up 4-2	2020-421-03	DPW - Engineering	2020	GF	\$ 35,000	
43	MS4 Compliance	2021-421-01	DPW - Engineering	2021	GF	\$ 50,000	
43	MS4 Compliance	2022-421-01	DPW - Engineering	2022	GF	\$ 50,000	
39	MS4 Compliance	2023-421-01	DPW - Engineering	2023	GF	\$ 50,000	
						<b>\$ 270,000</b>	



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2019 - FY2023**

Date submitted: 11/10/17

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-411-2		
Project Title:	MS-4		
Category:	Study		
Department:	DPW	Contact:	Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project Is:    New        Recurring     Resubmission

                  Multiyear     Phase \_\_\_ of \_\_\_

**Description:**

*To provide funding for MS-4 environmental requirements.*

**Benefits of Project and Impact if Not Completed:**

*Mandatory state and federal requirements for stormwater management by municipalities.*

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2019	FY2020	FY2021	FY2022	FY2023
Study/Design	\$50,000		\$50,000			
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

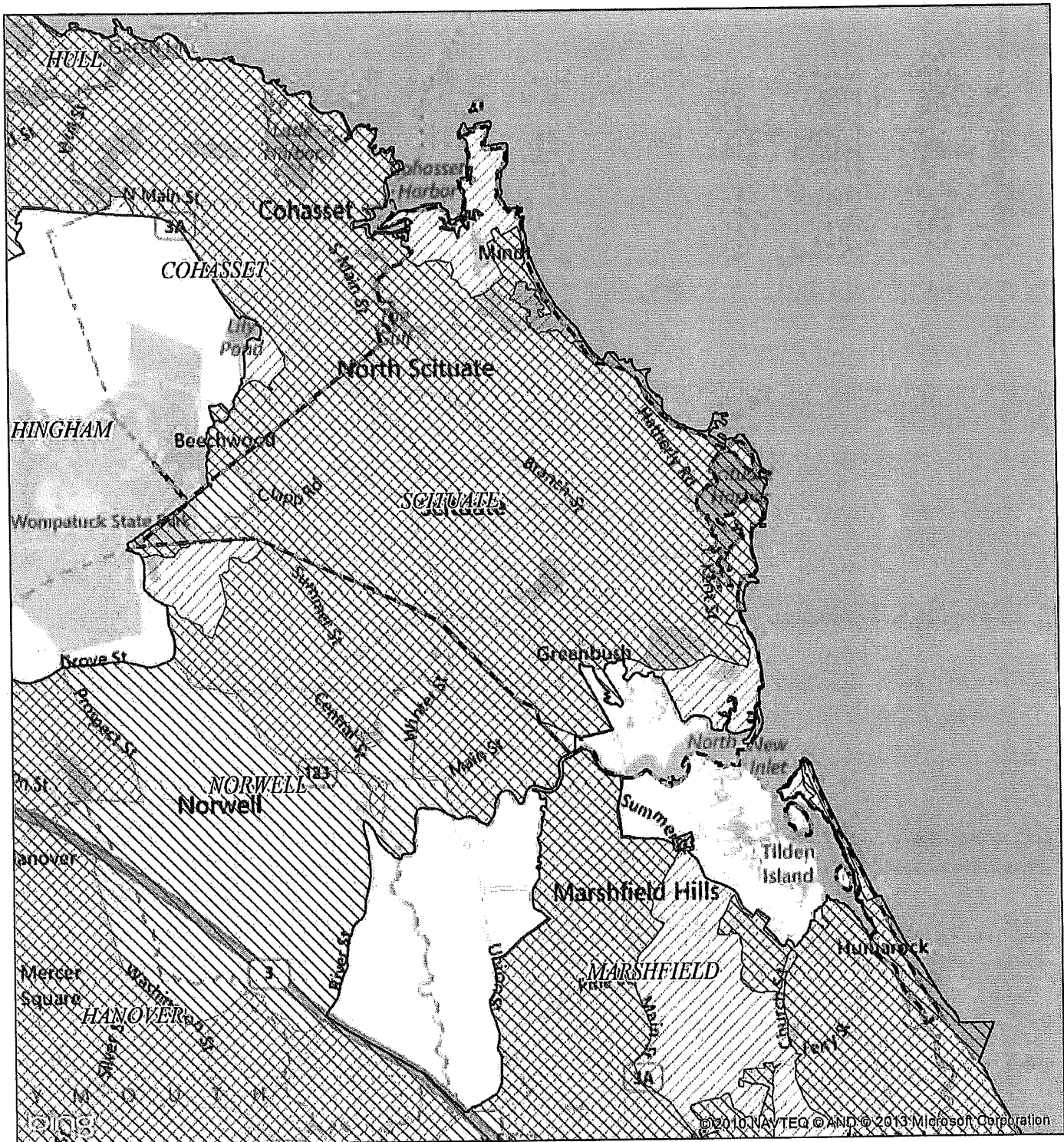
Recreation

Historical

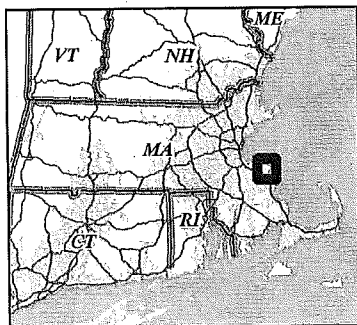
Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



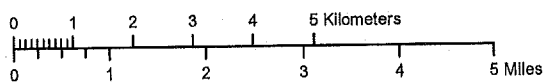
© 2010 NAVTEQ © AND © 2013 Microsoft Corporation



NPDES Phase II Stormwater Program  
Automatically Designated MS4 Areas

**Scituate MA**

Regulated Area:



Town Population: **17654**  
Regulated Population: **17353**  
(Populations estimated from 2010 Census)



Urbanized Areas, Town Boundaries:  
US Census (2000, 2010)  
Base map © 2013 Microsoft Corporation  
and its data suppliers

US EPA Region 1 GIS Center Map #8824, 8/9/2013



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2019 - FY2023

Date submitted: 10/21/18 Date of Last Edit: \_\_\_\_\_

Project Number:	<u>2020-421-02</u>	
Project Title:	2002 Van Replacement	
Category:		
Department:	Engineering	Contact: Sean McCarthy

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

Description:

Replacement of Utility Van used to transport and store survey equipment, road signs and hand tools. Van is used as onsite construction office during construction projects. Van is used to perform inspections throughout Town. Purchase of vehicle from State Bid List.

Benefits of Project and Impact if Not Completed:

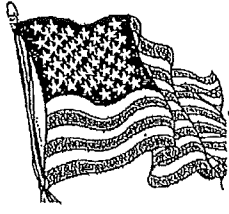
Replacement of 2002 Ford Van. Undercarriage showing sever signs of rot. Transmission in need of replacement

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$35,000		\$35,000				<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$35,000	\$0	\$35,000	\$0	\$0	\$0	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0							CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0							
Net of CPA and Grants	\$35,000	\$0	\$35,000	\$0	\$0	\$0	\$0	
Operating Budget Impact								
During Project	\$0							<input type="checkbox"/> Open Space
Post-Project Annual								<input type="checkbox"/> Recreation
Post-Project One-time	\$0							<input type="checkbox"/> Historical
								<input type="checkbox"/> Housing



# Liberty Chevrolet

Scituate Department of Public Works  
Town Hall  
600 Chief Justice Cushing Way  
Scituate, MA 02066  
Attn.: Kevin Cafferty, Director

May 23, 2018

Dear Mr. Cafferty,

Per your request, I am writing to offer a proposal to supply your department with a new Chevrolet per our contract #18-19-20, with the Plymouth County Commissioners. All vehicles offered under this contract come with a 5 year/100,000 mile powertrain warranty.

- Item #26 2019 Chevrolet Full Size, 4WD Short Bed K1500 Silverado Pick up  
 119" Wheelbase Short Bed, 6,500 LBS GVWR Pick up  
 4.3 Liter, E85 Capable V6, 285 HP Engine  
 6 Speed Automatic Transmission  
 150 Amp Alternator, 730 CCA Battery  
 Handling/Trailer Suspension Package  
 Automatic Halogen Headlights with Daytime Running Lights  
 Power Four Wheel Anti-Lock Front and Rear Disc Brakes  
 (5) P255/70R17 All Season Radials with Full Size Spare  
 Vinyl Trim, 40/20/40 Split Bench Seat with Center Fold Down Armrest  
 Heavy Duty Vinyl Floor Mat  
 AM/FM Stereo with Digital Clock  
 Tilt Steering Wheel and Cruise Control  
 Dual Auxiliary Power Outlets  
 Factory Air Conditioning  
 Factory Gauge Package with Driver Information Center  
 Manual Windows and Door Locks  
 Manual Folding OSRV Mirrors \$23,118.13

Silverado LD Factory Options:


753	Double Cab for 1500 Pick up	\$ 4,025.00
L83	5.3 Liter V8 Gas Engine	\$ 1,195.00
G1K	Deep Ocean Blue Metallic Paint	\$ 395.00
PCR	Work Truck Convenience Package	\$ 725.00
Z82	Heavy Duty Trailing Package (Req. G80)	\$ 395.00
G80	Heavy Duty Locking Differential	\$ 395.00
VYU	Factory Snow Plow Prep Package	\$ 350.00
JL1	Electronic Trailer Brake Controller	\$ 275.00
NQH	Electronic Shift Transfer Case	\$ 200.00
RVS	4" Tubular Black Assist Steps	\$ 630.00
UF2	LED Cargo Box Lighting	\$ 125.00
AK0	Deep Tinted Glass	\$ 200.00
C49	Electric Rear Window Defogger	\$ 225.00
9L7	Upfitter Switches	\$ 125.00



K14	110 VAC Power Outlet	\$ 150.00
5H1	2 Additional Keys	\$ 45.00
	Less Contract Discount for Options 3%	\$ (283.65)
Additional Contract Options:		
1552	Whelen Mini Liberty LED Lightbar	\$ <del>1,190.00</del>
288	4 Whelen Vertex Corner Flashers	\$ <del>750.00</del>
1613	7'6" Fisher Snow Plow System	\$ <del>5,730.00</del>
1624	Fisher Snow Foil	\$ <del>455.00</del>
1899	Spray-in Type Bedliner for Pick up	\$ <del>599.00</del>
1913	Slide-in Combination Pintel/Ball Hitch	\$ <del>157.00</del>
1951	Dealer Installed Remote Start System	\$ 349.00
	<b>TOTAL DELIVERED PRICE</b>	<b>\$41,519.48</b>

Thank you for your consideration of Liberty Chevrolet. If you have any questions concerning our proposal, please don't hesitate to contact me at (781) 287-7541.

Sincerely,

  
Kevin Nugent  
Fleet Sales Manager

Total \$32,638.48



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2018 - FY2022**

Date submitted: 11/11/16

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-431-03		
Project Title:	Engineering Vehicle		
Category:	Engineering Dept Pickup		
Department:	Engineering	Contact:	Sean McCarthy

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring [ ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

The Engineering Department currently utilizes a 2006 Chevy Colorado 4-2 to transport equipment and other tools to project sites throughout Town.

**Benefits of Project and Impact if Not Completed:**

The current vehicle is 10 years old and showing signs of frame rot. This is both a vehicle inspection and safety concern.

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		FY2018	FY2019	FY2020	FY2021	FY2022	<input checked="" type="checkbox"/> Tax Levy	<input checked="" type="checkbox"/> Debt
Study/Design	\$0						<input type="checkbox"/> Enterprise Retained Earnings	
Land Acquisition	\$0						<input type="checkbox"/> Capital Stabilization	
Construction	\$35,000			\$35,000			<input checked="" type="checkbox"/> Free Cash	
Equipment/Furnishings	\$0						<input type="checkbox"/> Revolving Fund	
Contingency	\$0						<input type="checkbox"/> CPA	
Other	\$0						<input type="checkbox"/> Grant(s) or Other _____	
<b>TOTAL</b>	<b>\$35,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,000</b>	<b>\$0</b>	<b>\$0</b>		

		CPA Purpose(s) Check all that apply				
Grant Amount Requested	\$0	<input type="checkbox"/> Open Space	<input type="checkbox"/> Recreation	<input type="checkbox"/> Historical	<input type="checkbox"/> Housing	
CPA Amount Requested	\$0					
Net of CPA and Grants	\$35,000					
<b>Operating Budget Impact</b>						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					





Seitnale Department of Public Works, Highway Division October 31, 2014  
 Town Hall  
 600 Chief Justice Cushing Highway  
 Scituate, MA 02066  
 Attn: George Mason, Mechanic

Dear Mr. Mason,

Per your request, I am writing to offer a proposal to supply your department with a new Chevrolet per our contract #12-13-14 with the Plymouth County Commissioners. All vehicles offered under this contract come with a 5 year/100,000 mile powertrain warranty.

Item #21	2014 Chevrolet Full Size K2500 4x4 Silverado Pick up 133" Wheelbase, Long Bed, 9,500 LBS GVWR Pick up 6.0 Liter V8 E85 Capable, 360 HP with Oil Cooler 6 Speed Automatic Transmission with Oil Cooler 125 Amp Alternator and 600 CCA Battery with Ruttdown Protection Automatic Halogen Headlights with Daytime Running Lights Heavy Duty Handling/Trailering Suspension Package Front Chassis Mounted Recovery Hooks Front Wheel Anti-Lock Front and Rear Disc Brakes (5) LT245/75R16E All Season Radials with Full Size Spare Manual Folding OSRV Mirrors Vinyl Trim, 40/20/40 Split Bench Seat with Center Fold Down Armrest Heavy Duty Vinyl Floor Mat AM/FM Stereo with Digital Clock Tilt Steering Wheel and Cruise Control 2 Dash Mounted Auxiliary Power Outlets Factory Air Conditioning Factory Gauge Package with Tachometer and Tire Pressure Monitor Driver Information Center Manual Windows and Door Locks	\$24,483.00
1.01	All Terrain Radial Tires	\$ 245.00
1.02	Class III Trailer Towing Package	\$ 425.00
1.03	Automatic Locking Rear Axle	\$ 315.00
1.09	Duramax Turbo Diesel with Allison Transmission	\$ 8,336.00
1.11	Snow Plow Prep Package	\$ 410.00
1.12	Engine Block Heater	\$ 64.00
1.16	220 Amp Heavy Duty Alternator	\$ 64.00
1.19	Factory Skid Plate Package	\$ 128.00
1.23	Power Windows and Door Locks	\$ 882.00
1.24	Keyless Remote Entry	\$ 241.00
1.44	Electric Remote Heated OSRV Camper Mirrors	\$ 227.00



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2019 - FY2023

Date submitted: 11/10/17

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-421	
Project Title:	MS-4	
Category:	Study	
Department:	DPW	Contact: Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project Is:      New    [ ]      Recurring [ ]      Resubmission [ ]

                         Multiyear [x ]      Phase \_\_\_ of \_\_\_

Description:

To provide funding for MS-4 environmental requirements.

Benefits of Project and Impact if Not Completed:

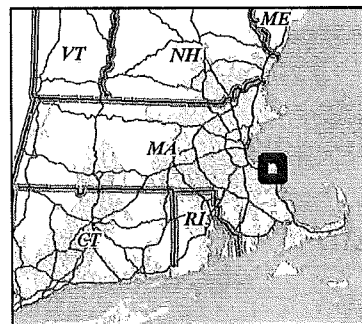
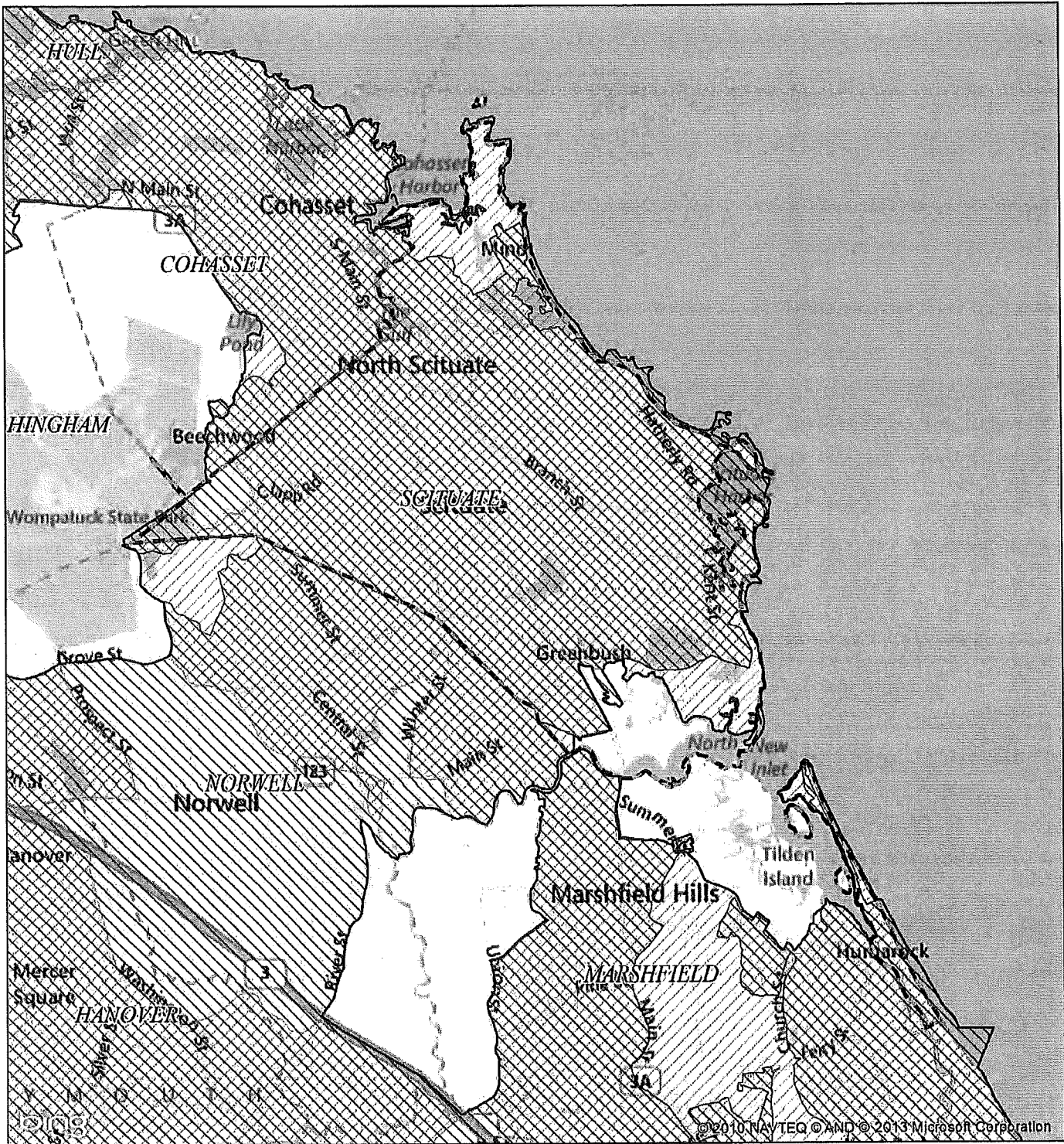
Mandatory state and federal requirements for stormwater management by municipalities.

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$50,000			\$50,000			<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$50,000	\$0	\$0	\$50,000	\$0	\$0	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

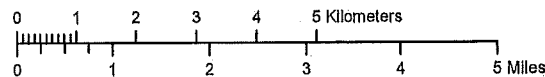
Grant Amount Requested	\$0						CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0						
Net of CPA and Grants	\$50,000	\$0	\$0	\$50,000	\$0	\$0	
Operating Budget Impact							
During Project	\$0						<input type="checkbox"/> Open Space
Post-Project Annual							<input type="checkbox"/> Recreation
Post-Project One-time	\$0						<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing



NPDES Phase II Stormwater Program  
 Automatically Designated MS4 Areas  
**Scituate MA**

Regulated Area:

UA Based on 2000 Census	UA Based on 2010 Census
----------------------------	----------------------------



Town Population: **17654**  
 Regulated Population: **17353**  
 (Populations estimated from 2010 Census)



Urbanized Areas, Town Boundaries:  
 US Census (2000, 2010)  
 Base map © 2013 Microsoft Corporation  
 and its data suppliers



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2019 - FY2023

Date submitted: 11/10/17

Date of Last Edit: \_\_\_\_\_

Project Number:	2022-431-1		
Project Title:	MS-4		
Category:	Study		
Department:	DPW	Contact:	Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

Description:

To provide funding for MS-4 environmental requirements.

Benefits of Project and Impact if Not Completed:

Mandatory state and federal requirements for stormwater management by municipalities.

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$50,000				\$50,000		<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$50,000	\$0	\$0	\$0	\$50,000	\$0	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$50,000	\$0	\$0	\$0	\$50,000	\$0

CPA Purpose(s)  
Check all that apply

Open Space

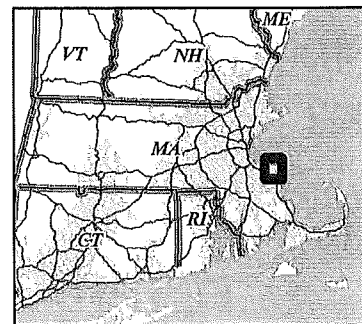
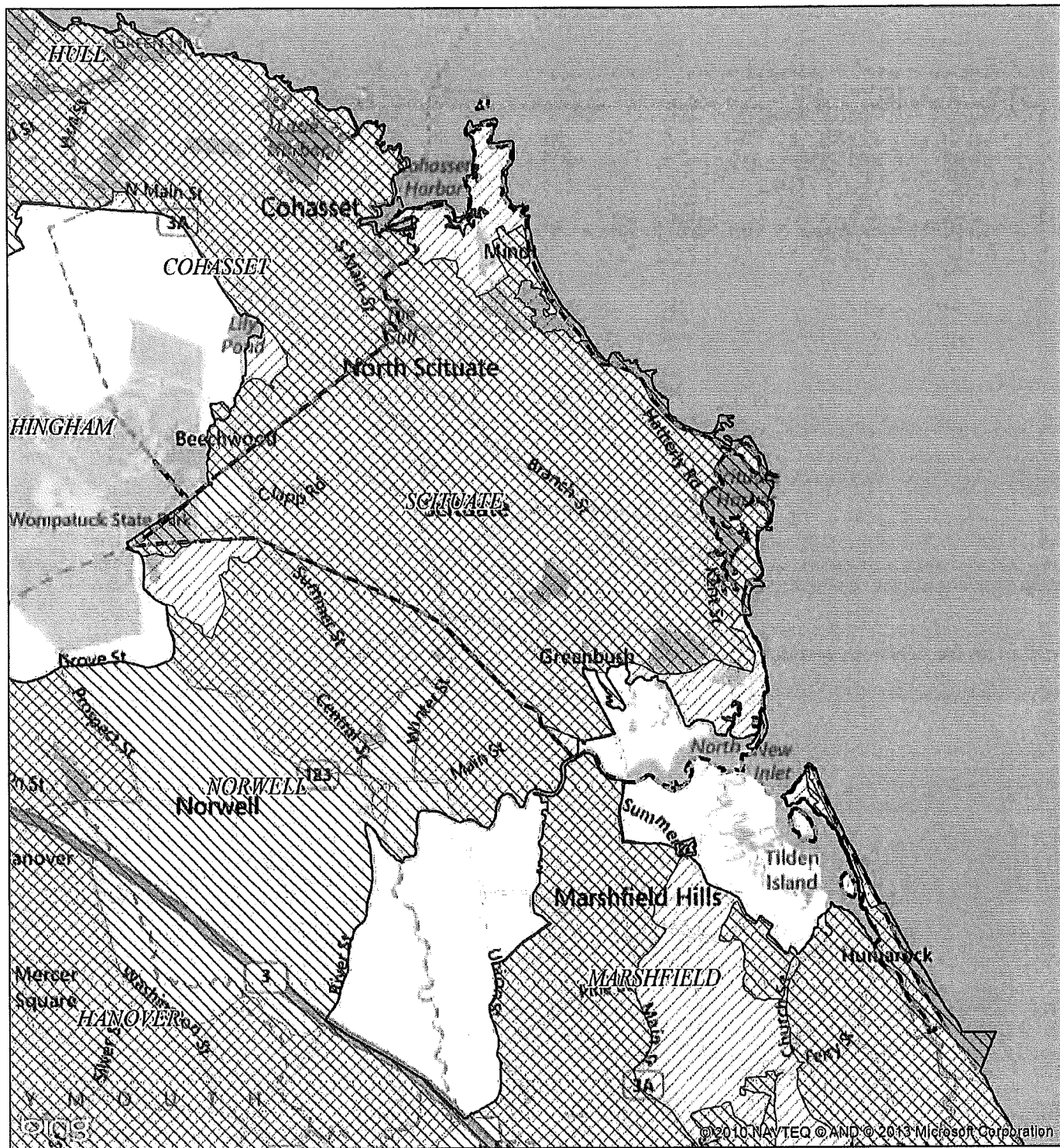
Recreation

Historical

Housing

Operating Budget Impact

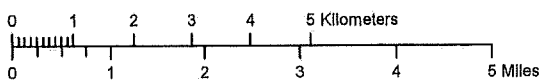
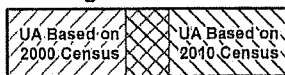
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



NPDES Phase II Stormwater Program  
Automatically Designated MS4 Areas

**Scituate MA**

Regulated Area:



Town Population: **17654**  
Regulated Population: **17353**  
(Populations estimated from 2010 Census)



Urbanized Areas, Town Boundaries:  
US Census (2000, 2010)  
Base map © 2013 Microsoft Corporation  
and its data suppliers



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2019 - FY2023

Date submitted: \_\_11/10/17

Date of Last Edit: \_\_\_\_\_

Project Number:	2023-421-1		
Project Title:	MS-4		
Category:	Study		
Department:	DPW	Contact:	Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project Is:      New    [ ]      Recurring [ ]      Resubmission [ ]

Multiyear [x ]      Phase \_\_\_ of \_\_\_

Description:

To provide funding for MS-4 environmental requirements.

Benefits of Project and Impact If Not Completed:

Mandatory state and federal requirements for stormwater management by municipalities.

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$50,000					\$50,000	<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnshings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$50,000	\$0	\$0	\$0	\$0	\$50,000	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$50,000	\$0	\$0	\$0	\$0	\$50,000

CPA Purpose(s)  
Check all that apply

Open Space

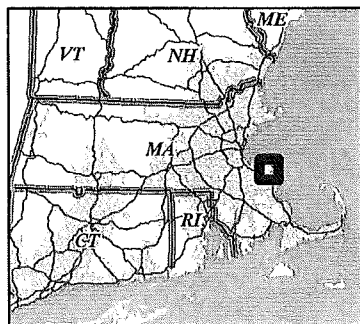
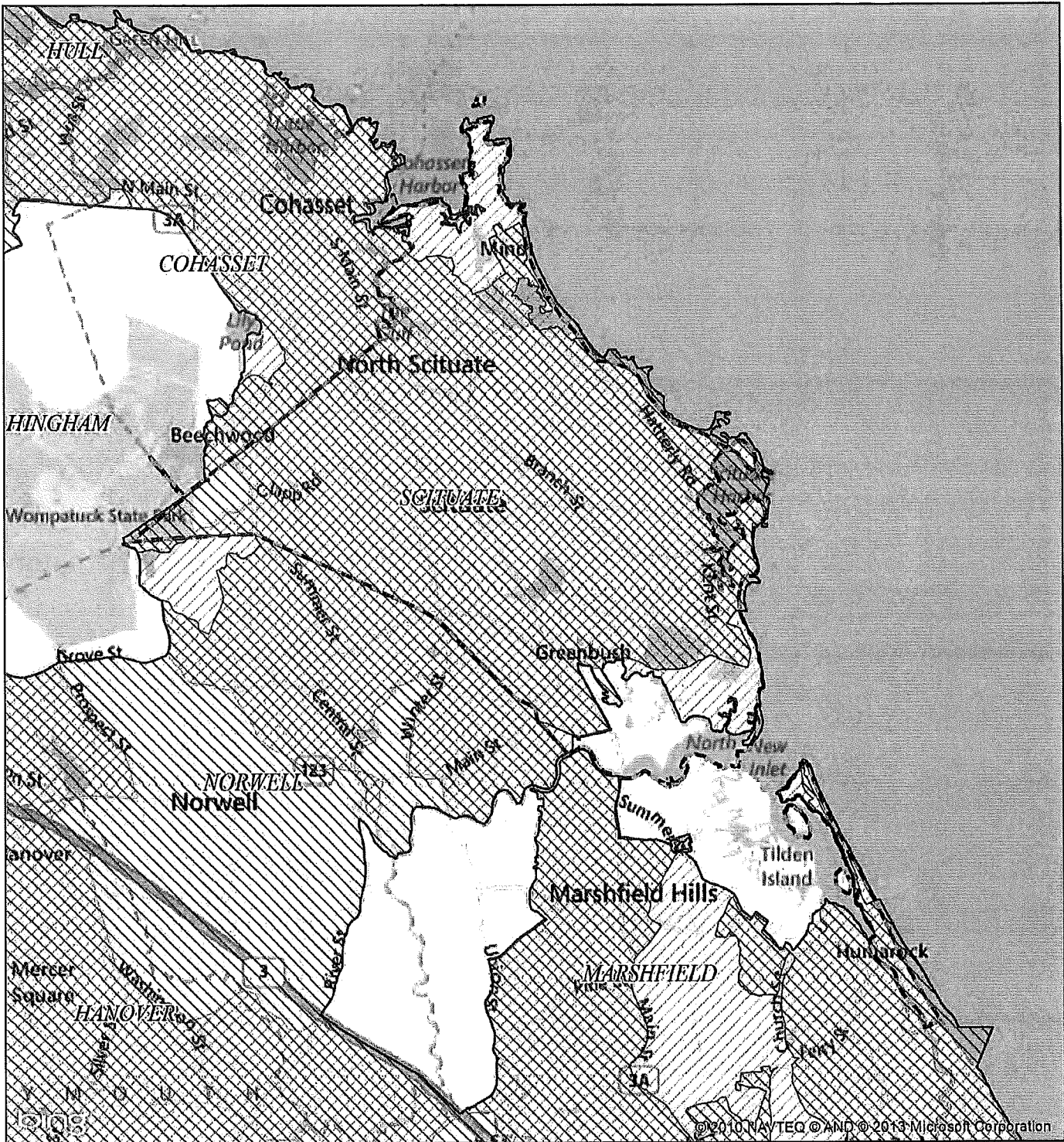
Recreation

Historical

Housing

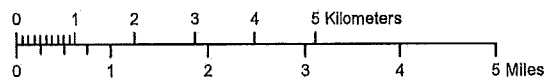
Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



NPDES Phase II Stormwater Program  
Automatically Designated MS4 Areas  
**Scituate MA**

Regulated Area:



Town Population: **17654**  
Regulated Population: **17353**  
(Populations estimated from 2010 Census)



Urbanized Areas, Town Boundaries:  
US Census (2000, 2010)  
Base map © 2013 Microsoft Corporation  
and its data suppliers

Town of Scituate  
 Capital Plan - FY 2020-2024  
 Criteria Points-Summary  
 Sorted by Fund, Department, Year & Score

Total	Project	Project #	Department	Year	Fund	Request	Comment
50	Foreshore Protection	2020-411-01	DPW - Foreshore Protection	2020	GF	\$ 200,000	
64	Seawall Replacement - Cedar Point ACoE project	2021-411-02	DPW - Foreshore Protection	2021	GF	\$ 8,000,000	
60	Foreshore Repairs - FEMA - 1st, 2nd, 3rd Cliffs	2021-411-01	DPW - Foreshore Protection	2021	GF	\$ 12,000,000	
50	Foreshore Protection	2021-411-03	DPW - Foreshore Protection	2021	GF	\$ 200,000	
62	Foreshore Repairs - Seawall Turner Rd/Oceanside	2022-411-02	DPW - Foreshore Protection	2022	GF	\$ 10,000,000	
50	Foreshore Protection	2022-411-01	DPW - Foreshore Protection	2022	GF	\$ 200,000	
50	Foreshore Protection	2023-411-01	DPW - Foreshore Protection	2023	GF	\$ 200,000	
50	Foreshore Protection	2024-411-01	DPW - Foreshore Protection	2024	GF	\$ 200,000	
						<b>\$ 31,000,000</b>	





TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-411-01		
Project Title:	Foreshore Protection		
Category:			
Department:	Engineering	Contact:	Sean McCarthy
Project is:	New [ ]	Recurring [ X ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Description:

Annual maintenance to existing Foreshore Protection Structures. (Concrete Seawalls, Revetment, Beaches)  
 2020 Preventative Maintenance and Emergency Repairs  
 Additional Supplies (Stone) Grant Assistance, Design Plans  
 Maintenance and Emergency Repairs  
 Revetment Repair Designs, Alternative Foreshore Protection  
 2024 Seawall and Revetment Repair Designs, Alternative Foreshore Protection

2021  
2022 Preventative  
2023 Seawall and

Benefits of Project and Impact if Not Completed:

Provide Maintenance and repairs to Existing Foreshore Structures to protect the coastline homes and infrastructure.

Discuss Operating Budget Impact:

General Fund

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$1,000,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$1,000,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$1,000,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-411-02	
Project Title:	Foreshore Protection - Cedar Point	
Category:	Construction	
Department:	Engineering	Contact: Sean McCarthy

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New    [ X ]      Recurring [ ]      Resubmission [ ]

                    Multiyear [ ]      Phase \_\_\_ of \_\_\_

Description:

Replace seawall in Cedar Point area. Town share of an Army Corps of Engineers project (65% federal/35% Town).

Benefits of Project and Impact if Not Completed:

To replace aging seawall in difficult area at risk for loss.

Discuss Operating Budget Impact:

65% grant/ 35% Town share

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$8,000,000		\$8,000,000			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$8,000,000</b>	<b>\$0</b>	<b>\$8,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_Army Corps\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$8,000,000</b>	<b>\$0</b>	<b>\$8,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-411-01		
Project Title:	Foreshore Protection - First-Third Cliffs & Egypt Beach Berm		
Category:	Construction		
Department:	Engineering	Contact:	Sean McCarthy

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring     Resubmission

                  Multiyear     Phase \_\_\_ of \_\_\_

**Description:**

Repair damages incurred to foreshore structures by Storms Sandy, Nemo, Juno & Riley. 75% funding from FEMA.

**Benefits of Project and Impact if Not Completed:**

To complete repair work from four catastrophic storms in the past ten years.

**Discuss Operating Budget Impact:**

75% FEMA funded

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$12,000,000		\$12,000,000			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$12,000,000</b>	<b>\$0</b>	<b>\$12,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_ FEMA 75%

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$12,000,000</b>	<b>\$0</b>	<b>\$12,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-411-03
Project Title:	Foreshore Protection
Category:	
Department:	Engineering
Contact:	Sean McCarthy

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New [ ]    Recurring [ X ]    Resubmission [ ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Annual maintenance to existing Foreshore Protection Structures. (Concrete Seawalls, Revetment, Beaches)  
 2020 Preventative Maintenance and Emergency Repairs  
 Additional Supplies (Stone) Grant Assitance, Design Plans  
 Maintenance and Emergency Repairs  
 Revetment Repair Designs, Altenative Foreshore Protection  
 2024 Seawall and Revetment Repair Designs, Altenative Foreshore Protection

2021  
2022 Preventative  
2023 Seawall and

**Benefits of Project and Impact if Not Completed:**

Provide Maintenance and repairs to Existing Foreshore Structures to protect the coastline homes and infrastructure.

**Discuss Operating Budget Impact:**

General Fund

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$800,000		\$200,000	\$200,000	\$200,000	\$200,000	<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$800,000	\$0	\$200,000	\$200,000	\$200,000	\$200,000	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$800,000	\$0	\$200,000	\$200,000	\$200,000	\$200,000

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2022-411-02		
Project Title:	Foreshore Protection - Turner Rd/Oceanside		
Category:	Construction		
Department:	Engineering	Contact:	Sean McCarthy

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

                  Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

Replace seawall from end of Army Corps of Engineers Cedar Point project ends to end of Oceanside Dr seawall replacements (Kenneth).

**Benefits of Project and Impact if Not Completed:**

To complete foreshore protection in at risk area prone to flooding and overwash.

**Discuss Operating Budget Impact:**

Would seek SRF Seawall & Dam Repair Fund financing with grant and low interest loan.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$10,000,000			\$10,000,000		
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$10,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000,000</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_SRF Seawall\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$10,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000,000</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2022-411-01		
Project Title:	Foreshore Protection		
Category:			
Department:	Engineering	Contact:	Sean McCarthy
Project is:	New [ ]	Recurring [ X ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Description:

Annual maintenance to existing Foreshore Protection Structures. (Concrete Seawalls, Revetment, Beaches)  
 2020 Preventative Maintenance and Emergency Repairs  
 Additional Supplies (Stone) Grant Assistance, Design Plans  
 Maintenance and Emergency Repairs  
 Revetment Repair Designs, Alternative Foreshore Protection  
 2024 Seawall and Revetment Repair Designs, Alternative Foreshore Protection

2021  
2022 Preventative  
2023 Seawall and

Benefits of Project and Impact if Not Completed:

Provide Maintenance and repairs to Existing Foreshore Structures to protect the coastline homes and infrastructure.

Discuss Operating Budget Impact:

General Fund

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$600,000			\$200,000	\$200,000	\$200,000	<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$600,000	\$0	\$0	\$200,000	\$200,000	\$200,000	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$600,000	\$0	\$0	\$200,000	\$200,000	\$200,000

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2023-411-01		
Project Title:	Foreshore Protection		
Category:			
Department:	Engineering	Contact:	Sean McCarthy
Project is:	New [ ]	Recurring [ X ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

**Description:**

Annual maintenance to existing Foreshore Protection Structures. (Concrete Seawalls, Revetment, Beaches)  
 2020 Preventative Maintenance and Emergency Repairs  
 Additional Supplies (Stone) Grant Assistance, Design Plans  
 Maintenance and Emergency Repairs  
 Revetment Repair Designs, Alternative Foreshore Protection  
 2024 Seawall and Revetment Repair Designs, Alternative Foreshore Protection

2021  
2022 Preventative  
2023 Seawall and

**Benefits of Project and Impact if Not Completed:**

Provide Maintenance and repairs to Existing Foreshore Structures to protect the coastline homes and infrastructure.

**Discuss Operating Budget Impact:**

General Fund

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$400,000				\$200,000	\$200,000	<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$200,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$200,000</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2024-411-01		
Project Title:	Foreshore Protection		
Category:			
Department:	Engineering	Contact:	Sean McCarthy

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ X ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Annual maintenance to existing Foreshore Protection Structures. (Concrete Seawalls, Revetment, Beaches)  
 2020 Preventative Maintenance and Emergency Repairs  
 Additional Supplies (Stone) Grant Assistance, Design Plans  
 Maintenance and Emergency Repairs  
 Revetment Repair Designs, Alternative Foreshore Protection  
 2024 Seawall and Revetment Repair Designs, Alternative Foreshore Protection

2021  
2022 Preventative  
2023 Seawall and

**Benefits of Project and Impact if Not Completed:**

Provide Maintenance and repairs to Existing Foreshore Structures to protect the coastline homes and infrastructure.

**Discuss Operating Budget Impact:**

General Fund

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		FY2020	FY2021	FY2022	FY2023	FY2024	<input checked="" type="checkbox"/> Tax Levy	<input checked="" type="checkbox"/> Debt
Study/Design	\$0						<input type="checkbox"/> Enterprise Retained Earnings	
Land Acquisition	\$0						<input checked="" type="checkbox"/> Capital Stabilization	
Construction	\$200,000					\$200,000	<input checked="" type="checkbox"/> Free Cash	
Equipment/Furnishings	\$0						<input type="checkbox"/> Revolving Fund	
Contingency	\$0						<input type="checkbox"/> CPA	
Other	\$0						<input type="checkbox"/> Grant(s) or Other	
<b>TOTAL</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>		

CPA Purpose(s) Check all that apply	
<input type="checkbox"/> Open Space	
<input type="checkbox"/> Recreation	
<input type="checkbox"/> Historical	
<input type="checkbox"/> Housing	

**Operating Budget Impact**

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>
<b>Operating Budget Impact</b>						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**Town of Scituate  
Capital Plan - FY 2020-2024  
Criteria Points-Summary  
Sorted by Fund, Department, Year & Score**

Total	Project	Project #	Department	Year	Fund	Request	Comment
66	Roads & Sidewalks	2020-422-09	DPW - Highway	2020	GF	\$ 200,000	
40	Backhoe Replacement	2020-422-03	DPW - Highway	2020	GF	\$ 135,000	
35	Foam Road Drainage	2020-422-07	DPW - Highway	2020	GF	\$ 53,961	
35	Surfside Road Drainage	2020-422-11	DPW - Highway	2020	GF	\$ 40,770	
35	Beaver Dam Road	2020-422-12	DPW - Highway	2020	GF	\$ 336,137	
29	Glades Road Sidewalk	2020-422-08	DPW - Highway	2020	GF	\$ 43,000	
29	Street Sweeper	2020-422-10	DPW - Highway	2020	GF	\$ 242,000	
29	Truck 1-9, Diesel Pick-up Truck	2022-422-13	DPW - Highway	2020	GF	\$ 65,000	
28	Truck 1-2, Diesel Pick-up Truck	2020-422-06	DPW - Highway	2020	GF	\$ 45,000	
26	Truck 101 Medium Duty Truck	2020-422-02	DPW - Highway	2020	GF	\$ 50,000	
24	Truck 102, Medium Duty Truck	2020-422-04	DPW - Highway	2020	GF	\$ 50,000	
24	Truck 1-8, Diesel Pick-up Truck	2020-422-05	DPW - Highway	2020	GF	\$ 45,000	
64	Roads & Sidewalks	2021-422-05	DPW - Highway	2021	GF	\$ 200,000	
35	Lawson Road	2021-422-04	DPW - Highway	2021	GF	\$ 223,260	
35	Brook Street	2021-422-07	DPW - Highway	2021	GF	\$ 237,533	
35	Country Way	2021-422-08	DPW - Highway	2021	GF	\$ 841,118	
33	Roof for Salt Shed	2021-422-06	DPW - Highway	2021	GF	\$ 30,000	
64	Road & Sidewalk Improvements	2022-422-01	DPW - Highway	2022	GF	\$ 200,000	
64	Road & Sidewalk Improvements	2023-422-01	DPW - Highway	2023	GF	\$ 200,000	
41	Mann Lot Road	2024-422-03	DPW - Highway	2024	GF	\$ 151,270	
20	Truck Lift	2024-422-01	DPW - Highway	2024	GF	\$ 28,000	
						<b>\$ 3,417,049</b>	



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020- FY2024**

Date submitted: 09/20/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-422-09		
Project Title:	Roads and Sidewalk Funds		
Category:	Construction		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

**Description:**

Funds are used to supplement chapter 90 state funds to make improvements to the roadways and sidewalks.

**Benefits of Project and Impact if Not Completed:**

*The Town is benefitted by the additional funds because we can do more paving and make accessibility improvements. These funds are used in conjunction with the water project to repair the roads (full width) and replace sidewalks where they are in dire need.*

*These funds can also be used to make handicap accessibility improvements.*

**Discuss Operating Budget Impact:**

*The request is for \$200,000 to the 2020 capital.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$200,000	\$200,000				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other Ch 90

Grant Amount Requested	\$0				
CPA Amount Requested	\$0				
<b>Net of CPA and Grants</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 09/20/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-422-03		
Project Title:	Backhoe Replacement		
Category:	Equipment		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

**Description:**

Replace the Backhoe with a new Backhoe

The expected useful life of a Loader varies depending on the activities that the machine is used for. The average hours on a machine is about 1,000 hours per year according to equipment world. The backhoe has a versatile roll where it is used to do storm clean up and is used in snow plow operations. The task can vary from a plowing route to loading salt on the trucks. The replacement backhoe should serve the Town for a minimum of 15 to 20 years.

All of these tasks are under harsh conditions in either storm work where there is influence of salt water or loading salt in general for the sanding operations

**Benefits of Project and Impact if Not Completed:**

The loader backhoe is no longer able to be used on the Road for plowing or clean up operations after a storm. It is limited to loading salt in the yard for the sanders during a storm event.

A new backhoe would allow greater flexibility during the storm clean up and during snow storms and be a benefit to the community by improving service to the stakeholders. As the ocean has been rising the loader is becoming an important tool to have in the tool box to restore the Town after a storm.

There will be a cost savings because Town personal will be able to be used to do clean up instead of contractors at a substantial savings to the Town.

**Discuss Operating Budget Impact:**

The new backhoe is \$135,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$135,000	\$135,000				
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				

# Milton



### Massachusetts & RI Locations:

100 Quarry Dr.  
Milford, Ma. 01757

84 Concord St.  
N. Reading, Ma. 01864

14 Kendrick Rd., Rte 28  
Wareham, Ma. 02571

2158 Plainfield Pike  
Cranston, RI. 02920

**Southworth-Milton, Inc.**  
[www.miltoncat.com](http://www.miltoncat.com)

## Budget Quotation

DATE: September 14, 2018

**Scituate DPW**  
600 Chief Justice Cushing Hwy.  
Scituate, Ma.

State Contract: FAC88

Qty	Description	List Price	State Contract Price
1	New 2018 CAT 440 backhoe with: Deluxe Cab with heat and AC, Radio, Suspension Seat Cold Weather Package, Front Counterweight 4WD with Autoshift Transmission, Flip over pads 1.5 cu yd loader bucket with quick coupler and 3rd Valve 24" Jaw Bucket, Ext-Stick, 48" forks Parts and Service Books, 3 year -1000hr full warranty 2 Front and 2 Rear LED flashing safety lights Ride Control, Tier 4 Final engine, BKT Road tires Delivery and training , 3 years Product Link Pro	\$ 187,500.00	\$ 129,900.00

**Total State Contract Delivered Price: \$ 129,900.00**

### Tom Benedetti Jr

Governmental and State Sales

Mobile Phone: 774-258-1636

Fax: 774-907-3062

[tom\\_benedetti@miltoncat.com](mailto:tom_benedetti@miltoncat.com)

Lighting 1000.-  
Safety  
radio 1000 -  
= 135,000



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 09/20/18

Date of Last Edit:

Project Number:	2020-422-07		
Project Title:	Foam Road Drainage		
Category:	Construction		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New          Recurring          Resubmission   

Multiyear          Phase \_\_\_ of \_\_\_

**Description:**

*Drainage on Foam Road*

**Benefits of Project and Impact if Not Completed:**

To alleviate flooding in this area

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$53,961	\$53,961				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$53,961</b>	<b>\$53,961</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other Ch 90

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$53,961</b>	<b>\$53,961</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				

**PRELIMINARY ESTIMATE CHAPTER 90 FORCE ACCOUNT**

CONSTRUCTION PROJECT **Foam Road Drainage**

TOWN: SCITUATE

LENGTH:

DATE:

WIDTH

0 S/Y

**CHAP 90**

TONS MACHINE WORK

TONS HAND WORK

S/Y Sidewalk

QUANTITY	UNIT	KIND OF WORK	PRICE	AMOUNT
	EA	Gates - (ADJUST)	\$200.00	\$ -
	EA	STRUCTURES - (ADJUST)	\$200.00	\$ -
	VFT	STRUCTURES 6" VERTICAL	\$350.00	\$ -
	VFT	LESS THAN 6"VF STRUCTURES	\$195.00	\$ -
	EA	PRE CAST DRAINAGE STRUCTURE	\$675.00	\$ -
	SY	RECLAMATION	\$3.00	\$ -
	CY	EXCESS MATERIAL	\$4.00	\$ -
	SY	FINE GRADE/COMPACT	\$1.00	\$ -
	SY	Cold Plan 2"	\$2.70	\$ -
	L/FT	Sidewalk Rebuild with curb	\$45.00	\$ -
	S/Y	Bit. Concrete sidewalk construction	\$44.90	\$ -
	L/FT	sawcutting (sidewalk)	\$1.00	\$ -
	Ton	Gravel (sidewalk)	\$24.00	\$ -
	Gal	TACK TRUCK	\$4.60	\$ -
	TON	BITUMINOUS CONC. BINDER 2.5	\$80.00	\$ -
	TON	BITUMINOUS CONC. MACHINE TOP COURSE 1.5	\$80.00	\$ -
	TON	BITUMINOUS CONC. LEVELING 1"	\$80.00	\$ -
60	TON	BITUMINOUS CONC. HANDWORK	\$150.00	\$ 9,000.00
80	HR	2 POLICE DETAILS	\$46.77	\$ 3,741.60
30	CY	LOAM	\$20.00	\$ 600.00
100	SY	HYDRO-SEED	\$10.00	\$ 1,000.00
80	HR	Excavation	\$120.00	\$ 9,600.00
	EA	FRAME& GRATE/COVER	\$250.00	\$ -
500	LFT	Plastic or Cement 12" Pipe 12" installed	\$45.00	\$ 22,500.00
1	EA	PRE CAST DRAINAGE STRUCTURE	\$2,250.00	\$ 2,250.00
	LFT	Line Striping (Single center line Thermoplastic)	\$0.76	\$ -
1	EA	PRECAST HEADWALL WITH FLAPPER VALVE	\$3,000.00	\$ 3,000.00
2	EA	4"-6" RIP RAP ROCK	\$1,000.00	\$ 2,000.00
	HR	Grader (for patching)	\$90.00	\$ -
	HR	10-TON VIBRATOR ROLLER	\$120.00	\$ -
	HR	10 Wheel Truck	\$60.00	\$ -
	SY	CEMENT TRUCK (MIN. 4 YARDS)	\$110.00	\$ -
		ESTIMATED TOTAL		\$ 53,691.60



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: 09/20/18

Date of Last Edit:

Project Number:	2020-422-11		
Project Title:	Surfside Road Drainage		
Category:	Construction		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

Description:

Drainage on Surfside Road

Benefits of Project and Impact if Not Completed:

To alleviate flooding in this area

Discuss Operating Budget Impact:

Explain the project's short- and long-term impacts on the community's operating budget.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$40,770	\$40,770				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$40,770</b>	<b>\$40,770</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$40,770</b>	<b>\$40,770</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**PRELIMINARY ESTIMATE CHAPTER 90 FORCE ACCOUNT**

CONSTRUCTION PROJECT **Surfside Road Drainage**

TOWN: SCITUATE

LENGTH: 550 DATE:

WIDTH 3

S/Y

**CHAP 90**

TONS MACHINE WORK

TONS HAND WORK

S/Y Sidewalk

QUANTITY	UNIT	KIND OF WORK	PRICE	AMOUNT
	EA	Gates - (ADJUST)	\$200.00	\$ -
	EA	STRUCTURES - (ADJUST)	\$200.00	\$ -
	VFT	STRUCTURES 6" VERTICAL	\$350.00	\$ -
	VFT	LESS THAN 6"VF STRUCTURES	\$195.00	\$ -
	EA	PRE CAST DRAINAGE STRUCTURE	\$675.00	\$ -
	SY	RECLAMATION	\$3.00	\$ -
	CY	EXCESS MATERIAL	\$4.00	\$ -
	SY	FINE GRADE/COMPACT	\$1.00	\$ -
	SY	Cold Plan 2"	\$2.70	\$ -
	L/FT	Sidewalk Rebuild with curb	\$45.00	\$ -
	S/Y	Bit. Concrete sidewalk construction	\$44.90	\$ -
	L/FT	sawcutting (sidewalk)	\$1.00	\$ -
	Ton	Gravel (sidewalk)	\$24.00	\$ -
	Gal	TACK TRUCK	\$4.60	\$ -
	TON	BITUMINOUS CONC. BINDER 2.5	\$80.00	\$ -
	TON	BITUMINOUS CONC. MACHINE TOP COURSE 2	\$80.00	\$ -
	TON	BITUMINOUS CONC. LEVELING 1"	\$80.00	\$ -
10	TON	BITUMINOUS CONC. HANDWORK TO COVER TRENCH WORK	\$150.00	\$ 1,500.00
40	HR	2 POLICE DETAILS	\$46.77	\$ 1,870.80
30	CY	LOAM	\$20.00	\$ 600.00
100	SY	HYDRO-SEED	\$10.00	\$ 1,000.00
40	HR	Excavation	\$120.00	\$ 4,800.00
	EA	FRAME & GRATE/COVER	\$250.00	\$ -
550	LFT	Plastic or Cement 12" Pipe 12" installed	\$45.00	\$ 24,750.00
1	EA	PRE CAST DRAINAGE STRUCTURE INSTALLED	\$2,250.00	\$ 2,250.00
	LFT	Line Striping (Single center line Thermoplastic)	\$0.76	\$ -
1	EA	PRECAST HEADWALL WITH FLAPER VALVE	\$3,000.00	\$ 3,000.00
1	EA	4"-6" RIP RAP ROCK	\$1,000.00	\$ 1,000.00
	HR	Grader (for patching)	\$90.00	\$ -
	HR	10-TON VIBRATOR ROLLER	\$120.00	\$ -
	HR	10 Wheel Truck	\$60.00	\$ -
	SY	CEMENT TRUCK (MIN. 4 YARDS)	\$110.00	\$ -
		ESTIMATED TOTAL		\$ 40,770.80





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 09/20/18 Date of Last Edit:

Project Number:	2020-422-12	
Project Title:	Beaver Dam Road	
Category:	Construction	
Department:	Highway	Contact: Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [  ]    Recurring [  ]    Resubmission [  ]

                  Multiyear [  ]    Phase \_\_\_ of \_\_\_

**Description:**

*Curb to Curb resurfacing of road and sidewalk. Beaver Dam Road from Branch Street to R/R tracks*

**Benefits of Project and Impact if Not Completed:**

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$336,137	\$336,137				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$336,137</b>	<b>\$336,137</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other Ch 90

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$336,137</b>	<b>\$336,137</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

PRELIMINARY ESTIMATE CHAPTER 90 FORCE ACCOUNT

20

CONSTRUCTION PROJECT Beaver Dam Road from Branch Street to R/R tracks

TOWN: SCITUATE

LENGTH: 6398 DATE:

WIDTH 28

19,905 S/Y

CHAP 90

TONS MACHINE WORK

TONS HAND WORK

S/Y Sidewalk

QUANTITY	UNIT	KIND OF WORK	PRICE	AMOUNT
20	EA	Gates - (ADJUST)	\$200.00	\$ 4,000.00
32	EA	STRUCTURES - (ADJUST)	\$200.00	\$ 6,400.00
	VFT	STRUCTURES 6" VERTICAL	\$350.00	\$ -
	VFT	LESS THAN 6"VF STRUCTURES	\$195.00	\$ -
	EA	PRE CAST DRAINAGE STRUCTURE	\$675.00	\$ -
	SY	RECLAMATION	\$3.00	\$ -
	CY	EXCESS MATERIAL	\$4.00	\$ -
	SY	FINE GRADE/COMPACT	\$1.00	\$ -
19,905	SY	Cold Plan 2"	\$2.70	\$ 53,743.50
1500	L/FT	Sidewalk Rebuild with curb	\$35.00	\$ 52,500.00
	S/Y	Bit. Concrete sidewalk construction	\$44.90	\$ -
1500	L/FT	sawcutting (sidewalk)	\$1.00	\$ 1,500.00
	Ton	Gravel (sidewalk)	\$24.00	\$ -
	Gal	TACK TRUCK	\$4.60	\$ -
	TON	BITUMINOUS CONC. BINDER 2.5	\$78.00	\$ -
1619	TON	BITUMINOUS CONC. MACHINE TOP COURSE 1.5	\$78.00	\$ 126,296.82
1079.66	TON	BITUMINOUS CONC. LEVELING 1"	\$78.00	\$ 84,213.48
	TON	BITUMINOUS CONC. HANDWORK	\$150.00	\$ -
80	HR	2 POLICE DETAILS	\$93.54	\$ 7,483.20
	CY	LOAM	\$20.00	\$ -
	SY	HYDRO-SEED	\$10.00	\$ -
	HR	Excavation and Removal around guardrail	\$120.00	\$ -
	EA	FRAME & GRATE/COVER	\$250.00	\$ -
	LFT	Plastic or Cement 12" Pipe 12" installed	\$25.00	\$ -
	EA	PRE CAST DRAINAGE LEACHING STRUCTURE INSTALLED	\$2,250.00	\$ -
	LFT	Line Striping (Single center line Thermoplastic)	\$0.76	\$ -
	EA	PRECAST HEADWALL	\$3,000.00	\$ -
	EA	4"-6" RIP RAP ROCK	\$1,000.00	\$ -
	HR	Grader (for patching)	\$90.00	\$ -
	HR	10-TON VIBRATOR ROLLER	\$120.00	\$ -
	HR	10 Wheel Truck	\$60.00	\$ -
	SY	CEMENT TRUCK (MIN. 4 YARDS)	\$110.00	\$ -
		ESTIMATED TOTAL		\$ 336,137.00



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: 09/20/18

Date of Last Edit:

Project Number:	2020-422-08		
Project Title:	Glades Road Sidewalk		
Category:	Construction		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:	New	<input checked="" type="checkbox"/>	Recurring	<input type="checkbox"/>	Resubmission	<input type="checkbox"/>
	Multiyear	<input type="checkbox"/>	Phase	___ of ___		

Description:

*Sidewalk Replacement*

*Saw cut 670 lf, remove existing concrete (662lf) and mixture of 436 LF of granite/concrete cub, install new granite curbing, and dense grade, grade sidewalk, and final paving of sidewalk.*

Benefits of Project and Impact if Not Completed:

*Sidewalk is in need of repair and is heavily traveled in summer months.*

Discuss Operating Budget Impact:

*Explain the project's short- and long-term impacts on the community's operating budget.*

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$43,000	\$43,000				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$43,000</b>	<b>\$43,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)

Check all that apply

- Tax Levy
- Debt
- Enterprise Retained Earnings
- Capital Stabilization
- Free Cash
- Revolving Fund
- CPA
- Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$43,000</b>	<b>\$43,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)

Check all that apply

- Open Space
- Recreation
- Historical
- Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



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On behalf of the members of the  
South Shore Regional Services Consortium

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SS 2018 PW1  
Public Works Services

Sidewalks  
Item 14

Tasco Construction

Contract

# SS 2018 PW1 - Bid Price Form

Bidder Name: **Tasco Construction, Inc**

Bidder Initials: **GT**

Bid Item

Estimated

Quantity x Bid Price / Unit = Total

## SIDEWALK CONSTRUCTION, RECONSTRUCTION, AND REPAIR

### Sidewalk Construction, Reconsuction, and Resurfacing

Bid Total = **\$2,246,503.01**

1)	Cape Cod Berm	1,700	x	8.00	/LF	=	\$ 13,600.00
2)	Granite Curb - Straight [Supply and Set]	9,950	x	38.00	/LF	=	\$ 378,100.00
	Granite Curb - Straight [Set Only]	100	x	22.00	/LF	=	\$ 2,200.00
	Granite Curb - Radius [Supply and Set]	1,650	x	47.00	/LF	=	\$ 77,550.00
	Granite Curb - Radius [Set Only]	50	x	22.00	/LF	=	\$ 1,100.00
3)	Pre-Cast Concrete Curb - Straight [Set Only]	100	x	22.00	/LF	=	\$ 2,200.00
	Pre-Cast Concrete Curb - Radius [Set Only]	25	x	22.00	/LF	=	\$ 550.00
4)	Adjust/Reset Curbing	2,200	x	22.00	/LF	=	\$ 48,400.00
5)	Bituminous Concrete Sidewalk - New Construction	6,500	x	63.00	/SY	=	\$ 409,500.00
	[Site Prep by Town]	As Needed	x	63.00	/SY	=	
6)	Bituminous Concrete Sidewalk - Reconstruction	7,575	x	63.00	/SY	=	\$ 477,225.00
	[Site Prep by Town]	100	x	35.00	/SY	=	\$ 3,500.00
	Gravel	1,600	x	0.01	/CY	=	\$ 16.00
7)	Bituminous Concrete Sidewalk and Driveway Apron - Resurfacing	1,800	x	63.00	/SY	=	\$ 113,400.00
	[Site Prep by Town]	As Needed	x	63.00	/SY	=	
8)	Cement Concrete Sidewalk - New Construction	3,600	x	77.00	/SY	=	\$ 277,200.00
	Cement Concrete Sidewalk - Reconstruction	As Needed	x	77.00	/SY	=	\$ 0.00
9)	Cement Concrete Wheelchair Ramps - New Construction	1,440	x	112.00	/SY	=	\$ 161,280.00
	Cement Concrete Wheelchair Ramps - Reconstruction	As Needed	x	112.00	/SY	=	
10)	Sawcutting	13,000	x	0.01	/LF	=	\$ 130.00
11)	Handicap Ramp Tactile Strips	75	x	125.00	/EA	=	\$ 9,375.00
12)	Loam & Hydro-Seed [4" Depth]	8,900	x	0.01	/SY	=	\$ 89.00
13)	Adjust Service Box	101	x	0.01	/EA	=	\$ 1.01
14)	Replace Service Box	21	x	100.00	/EA	=	\$ 2,100.00
15)	Adjust Manhole Catch Basin Frames	90	x	260.00	/EA	=	\$ 23,400.00
16)	Rebuild Manhole and Catch Basin Frames	15	x	260.00	/EA	=	\$ 3,900.00
17)	Reset or Replace Brick or Stone Walkway	1,030	x	46.00	/SY	=	\$ 47,380.00
18)	Catch Basin Installed	8	x	4,000.00	/EA	=	\$ 32,000.00
19)	Gutter Inlet Installed	6	x	2,500.00	/EA	=	\$ 15,000.00
20)	Ductile Iron Drainpipe	50	x	60.00	/LF	=	\$ 3,000.00
21)	4 inch PVC Pipe for Drainage	420	x	35.00	/LF	=	\$ 14,700.00
22)	Unclassified Excavation	1,600	x	0.01	/CY	=	\$ 16.00
23)	Hot Mix Asphalt for Patching	250	x	175.00	/TN	=	\$ 43,750.00
24)	Traffic Controls/Safety Signing						
	Traffic Controls/Safety Signing	100	x	0.01	/SF	=	\$ 1.00
	ReflectORIZED Drums with Flashers [Type A] - Drum Day	620	x	1.00	/DY	=	\$ 620.00
	ReflectORIZED Drums without Flashers - Drum Day	2,320	x	1.00	/DY	=	\$ 2,320.00

# SS 2018 PW1 - Bid Price Form

Bidder Name: Tasco Construction, Inc

Bidder Initials: GT

Bid Item	Estimated Quantity	x	Bid Price	/ Unit	=	Total
Traffic Cones	200	x	<u>1.00</u>	/DY	=	<u>\$ 200.00</u>
25) Pre-Paving Sweeping						
Disposal by Town	As Needed	x	<u>300.00</u>	/HR		
Disposal by Contractor	As Needed	x	<u>300.00</u>	/TN		
26) Equipment Rental						
Gradall	140	x	<u>225.00</u>	/HR	=	<u>\$ 31,500.00</u>
Grader	140	x	<u>225.00</u>	/HR	=	<u>\$ 31,500.00</u>
Tandem 10-Ton Roller	10	x	<u>225.00</u>	/HR	=	<u>\$ 2,250.00</u>
10-Ton Vibrator Roller	10	x	<u>225.00</u>	/HR	=	<u>\$ 2,250.00</u>
10 Wheel Dump Truck	140	x	<u>100.00</u>	/HR	=	<u>\$ 14,000.00</u>
Trailer	10	x	<u>120.00</u>	/HR	=	<u>\$ 1,200.00</u>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/20/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-422-10		
Project Title:	Street Sweeper		
Category:	Equipment		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ x ]    Recurring [ ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

New Street Sweeper

**Benefits of Project and Impact if Not Completed:**

*The old Street Sweeper is old and tired and has been out of service a lot for repairs, we have had to hire contractor to do a lot of the much needed street sweeping after storms to clean the roads.*

**Discuss Operating Budget Impact:**

*The request is for \$242,000 to the 2020 capital.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$242,000	\$242,000				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$242,000</b>	<b>\$242,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$242,000</b>	<b>\$242,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

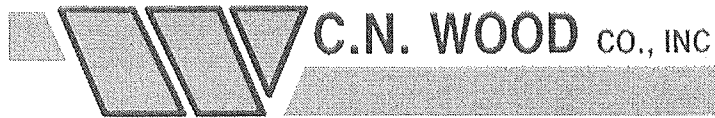
Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



MUNICIPAL AND CONTRACTORS' EQUIPMENT

200 Merrimac St  
Woburn MA 01801

PROPOSAL

Tel. (781) 935 1919  
Fax. (781) 937 9809

To:

Town of Scituate  
Department of Public Works  
600 Chief Justice Cushing Hwy  
Scituate, MA 02056  
ATT: Mike Breen Highway & Public Grounds Supervisor

September 25, 2018

C. N. Wood is pleased to offer the following **budget** proposal through the MAPC/Greater Boston Police Council contract.

1 New Elgin Pelican NP dual street sweeper with a/c, sprung guide wheel, autolube, color reverse camera, auto reverse broom pick up, lower roller washout, sliding window curb side, am/fm/cd radio, air ride seat, painted White, 1 year standard warranty, and all other standard equipment.

SELLING PRICE \$229,500.00

OPTIONAL EQUIPMENT

Spare tire/rim front and rear	\$2,900.00
5 Year Warranty - parts and labor	\$11,800.00
Front and rear LED corner strobes	\$2,974.00
TOTAL SELLING PRICE	\$247,174.00
TRADE OPTION 2008 Johnson street sweeper	
TRADE ALLOWANCE	\$7,000.00
TOTAL SELLING	\$240,174.00

NOTE: above pricing is for budget purpose only.

C. N. Wood is looking forward to providing the Town of Scituate with the premium Elgin products and first class service. Please do not hesitate to contact me if you have any questions or need further information regarding the Elgin products

Thank you for considering C. N. Wood for your equipment needs.

Best Regards,  
Stephen M. Russell  
Sales Representative

No warranties are made other than those extended by the manufacturer of the equipment, and in the event of alleged breach of warranty, expressed or implied, the liability of C. N. Wood Co., Inc., shall be limited to the liability of the manufacturer to it, and shall be subject to all limitations and conditions imposed by the manufacturer.

Seller shall not be liable for any default or delay in delivery, as a result of shipping delays, strikes, fires, lockouts, or inability to procure materials.





(916) 927-5000 | [trucksite.com](http://trucksite.com)



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2018 - FY2022**

Date submitted: 11.11.16

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-422-13		
Project Title:	Truck 1-9, Diesel Pick up Truck		
Category:	Equipment		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring [ ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace the 2009 truck with a new pick up truck.

The expected useful life of a pick up Truck varies depending on the activities that the machine is used for. The average lifespan for an average truck is 5 to 8 years according to the MN State DOT recommended guidelines. The current truck has been in service for 11 years.

All of the tasks this truck is used for are under harsh conditions in either storm work where there is influence of salt water or loaded with salt in general for the sanding operations. This truck is used also to support any excavation or hauling operation such as drain repairs, asphalt road repairs, disposal hauling of unsuitable materials.

**Benefits of Project and Impact if Not Completed:**

The existing 1-9 truck is used but is starting to show it's age. The cab and frame are rusted and it is coming to the end of it's life cycle.

The truck must be replaced because it is used for travel for light jobs around town including replacing traffic lights, after hours calls, to transport equipment parts, and for snow spot checking.

**Discuss Operating Budget Impact:**

The new truck will be an impact of \$65,000 to the 2020 capital.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$65,000	\$65,000					<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$65,000</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$65,000</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

# CENTRAL



Shipping 10.10.16 - schedule

June 21, 2016

Mr. Kevin Cafferty  
Town of Scituate Department of Public Works  
Highway Department  
68 Captain Pierce Road  
Scituate, MA 02066

Mr. Cafferty,

Attached please find a quote specification page for a 2017 Dodge Ram 5500 Regular Cab Chassis 4X4 with a 6.7 Diesel Automatic Transmission in True Blue which is based on a factory order. Order to dealer delivery should be approximately 120 Days.

Plymouth County Bid Price: \$46,228.00  
JC Madigan 9 Foot Dump \$ 7,695.00 - Also see options listed for Dump Body - add as desired.

BID PRICE \$53,923.00  
Plus Reg Sticker & Delivery \$ 369.00 if desired.

\$54,292 Truck  
6,500 Plow  

---

60,792  
x 1.05 Price Escalation  

---

\$63,831

Should you need any further information, please let me know.

Sincerely,

Deborah Emery  
Fleet Manager

Total Cost ~ \$65,000.00

Central Chrysler Jeep Dodge & Kia  
Providence Hwy - 70 Providence Hwy  
Norwood, MA 02062  
781-762-2200 - 781-762-8100



Central Chrysler Jeep Dodge & Mitsubishi  
191 US Route 44  
Raynham, MA 02767 ✓  
508-823-0101

CENTRAL CHRYSLER DODGE JEEP RAM OF  
 191 NEW STATE HWY  
 RAYNHAM, MA 027675445

Configuration Preview

Date Printed: 2016-08-23 9:46 AM  
 Estimated Ship Date: VIN:  
 VON:

Quantity: 1  
 Status: BA - Pending order  
 FAN 1: 005MN PLYMOUTH COUNTY  
 SHERIFF'S DEPT  
 FAN 2:  
 Client Code:  
 Bid Number: TB7068  
 PO Number:

Sold to:  
 CENTRAL CHRYSLER DODGE JEEP RAM OF  
 RAYHAM (44798)  
 191 NEW STATE HWY  
 RAYNHAM, MA 027675445

Ship to:  
 CENTRAL CHRYSLER DODGE JEEP RAM OF RAYHAM (44798)  
 191 NEW STATE HWY  
 RAYNHAM, MA 027675445

Vehicle:

2017 5500 REG CAB CHASSIS 4X4 (144.5 In WB - CA of 60 In) (DPOL63)

Model:	Sales Code	Description	MSRP(USD)
Package:	DPOL63	5500 REG CAB CHASSIS 4X4 (144.5 In WB - CA of 60 In)	40,795
	29A	Customer Preferred Package 29A	0
	ETK	6.7L I6 Cummins Turbo Diesel Engine	7,400
	DF2	6-Spd Auto Aisin AS68RC HD Trans	1,600
Paint/Seat/Trim:	PBU	True Blue Pearl Coat	0
	APA	Monotone Paint	0
	*SX	Work Grade Vinyl 40/20/40 Bench Seat	225
	-X8	Black/Diesel Gray	0
Options:	XXS	Upfitter Electronic Module (VSIM)	245
	LBN	Power Take Off Prep	295
	AMP	Chrome Appearance Group	165
	4DH	Prepaid Holdback	0
	LNJ	Fog Lamps	140
	4ES	Delivery Allowance Credit	0
	ADE	Cold Weather Group	125
	MAF	Fleet Purchase Incentive	0
	AJH	Power and Remote Entry Group	850
	MRT	Chrome Tubular Side Steps	350
	DK3	Elec Shift-On-The-Fly Transfer Case	270
	MJB	Chrome Bodyside Molding	100
	ACL	DOT Certified Roadside Safety Kit	150
	TBB	Full Size Spare Tire	350
	AHD	Heavy Duty Snow Plow Prep Group	250
	XHC	Trailer Brake Control	295
	5N8	Easy Order	0
	4FM	Fleet Option Editor	0
	4FT	Fleet Sales Order	0
	132	Zone 32-New York	0
	4EA	Bold Vehicle	0
Non Equipment:	4FA	Special Bid-Ineligible For Incentive	0
Bid Number:	TB7068	Government Incentives	0
Destination Fees:			1,195
<b>Total Price:</b>			<b>54,790</b>

Note: This is not an invoice. The prices and equipment shown on this priced order confirmation are tentative and subject to change or correction without prior notice. No claims against the content listed or prices quoted will be accepted. Refer to the vehicle invoice for final vehicle content and pricing. Orders are accepted only when the vehicle is shipped by the factory.

J.C. MADIGAN INC.  
450 OLD UNION TURNPIKE  
LANCASTER, MA.

SALES DEPT.  
TEL.(978)847-2900  
FAX(978)847-0068

QUOTE :TOWN OF SCITUATE HWY. DEPT.

TO DEBBIE @ CENTRAL DODGE

FROM JOHN DWYER

1) 9 FT 3 TO 4 CUYD 10 GAUGE STEEL DUMP BODY WITH  
STRUCTURAL STEEL 12" ON CENTER CROSSMEMBERS AIR-FLO  
PRO-CLASS SERIES MOUNTED ON TOWN SUPPLIED CHASSIS  
UNDERCOATED AND PAINTED ONE COLOR WITH THE  
FOLLOWING ITEMS.

- A) 24" STEEL CABSHIELD W/ MESH SCREEN WINDOW
- B) PIONEER MANUAL TARPING SYSTEM
- C) AIR-FLO UNDERBODY HOIST ASSEMBLY
- D) ELECTRIC/HYDRAULICS W/ IN-CAB CONTROLS
- E) FRONT & REAR FLAPS @ REAR WHEELS / BACKUP & LIFT ALARMS
- F) SNAP-LATCH TAILGATE CLOSING MECHANISM

OPTIONS:

- 1) 30" STAINLESS BAWER TOOLBOX INSTALLED ADD \$650.00
- 2) PINTLE ASSEMBLY ADD \$550.00
- 3) REAR CORNER POST RECESSED FLASHERS ADD \$600.00

APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

PO# \_\_\_\_\_



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 09/20/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-422-06		
Project Title:	Truck 1-2, Diesel Pick up Truck		
Category:	Equipment		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring [ ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace the 2006 truck with a new pick up truck.

The expected useful life of a pick up Truck varies depending on the activities that the machine is used for. The average lifespan for an average truck is 5 to 8 years according to the MN State DOT recommended guidelines. The current truck has been in service for 11 years.

All of the tasks this truck is used for are under harsh conditions in either storm work where there is influence of salt water or loaded with salt in general for the sanding operations. This truck is used also to support any excavation or hauling operation such as drain repairs, asphalt road repairs, disposal hauling of unsuitable materials.

**Benefits of Project and Impact if Not Completed:**

The existing 1-2 truck is used but is starting to show it's age. The cab and frame are rusted and it is coming to the end of it's life cycle.

The truck must be replaced because it is used for travel for light jobs around town including replacing traffic lights, after hours calls, to transport equipment parts.

**Discuss Operating Budget Impact:**

The new truck will be an impact of \$45,000 to the 2020 capital.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		FY2020	FY2021	FY2022	FY2023	FY2024	<input checked="" type="checkbox"/> Tax Levy	<input checked="" type="checkbox"/> Debt
Study/Design	\$0						<input type="checkbox"/> Enterprise Retained Earnings	<input type="checkbox"/> Capital Stabilization
Land Acquisition	\$0						<input checked="" type="checkbox"/> Free Cash	<input type="checkbox"/> Revolving Fund
Construction	\$0						<input type="checkbox"/> CPA	<input type="checkbox"/> Grant(s) or Other _____
Equipment/Furnishings	\$45,000	\$45,000		\$0				
Contingency	\$0							
Other	\$0							
<b>TOTAL</b>	<b>\$45,000</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

		CPA Purpose(s) Check all that apply	
Grant Amount Requested	\$0	<input type="checkbox"/> Open Space	
CPA Amount Requested	\$0	<input type="checkbox"/> Recreation	
Net of CPA and Grants	\$45,000	<input type="checkbox"/> Historical	
		<input type="checkbox"/> Housing	

Operating Budget Impact	
During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0



1. Truck: Public Grounds 1-2
2. Year : 2006 Chev
3. Mileage : 78,000
4. Used for: Moving trailers transporting tools, generator, welder, transporting employees when needed
5. Problems to truck : body rot



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 11.11.16

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-422-02		
Project Title:	Truck 101, Medium Duty Truck		
Category:	Equipment		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New          Recurring          Resubmission   

Multiyear          Phase \_\_\_ of \_\_\_

**Description:**

Replace the 2009 Chevy 2500 truck with a new Medium Duty Truck.

The expected useful life of a Medium Duty Truck varies depending on the activities that the machine is used for. The average lifespan for an average medium duty truck is 5 to 8 years according to the MN State DOT recommended guidelines. The current truck has been in service for 11 years.

All of the tasks this truck is used for are under harsh conditions in either storm work where there is influence of salt water or loaded with salt in general for the sanding operations. This truck is used also to support highway Division in various road projects and repairs and used to tow hot topping machine.

**Benefits of Project and Impact if Not Completed:**

The existing 101 truck is used but is starting to show it's age. The cab and frame are rusted and it is coming to the end of it's life cycle.

The truck must be replaced because it handles a large plow and salting route and is used for day to day activity. If this truck is not replaced the Town will become more dependent on outside contractors at a greater cost and less reliability.

**Discuss Operating Budget Impact:**

The new truck will be an impact of \$50,000 to the 2020 capital.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$50,000	\$50,000				
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				



**CENTRAL CHRYSLER DODGE JEEP RAM OF**  
**191 NEW STATE HWY**  
**RAYNHAM, MA 027675445**

CONFIDENTIAL PRIVACY

*[Handwritten signature]*

*2500*  
*191 192*

Date Printed: 2018-09-21 1:45 PM  
 Estimated Ship Date:

VIN:  
 VON:

Quantity: 1  
 Status: BA - Pending order  
 FAN 1: DOBEN PLYMOUTH COUNTY SHERIFF'S DEPT  
 FAN 2:  
 Client Code:  
 Bid Number: TPZ068  
 PO Number:

Sold to:  
 CENTRAL CHRYSLER DODGE JEEP RAM OF  
 RAYNHAM (44798)  
 191 NEW STATE HWY  
 RAYNHAM, MA 027675445

Ship to:  
 CENTRAL CHRYSLER DODGE JEEP RAM OF RAYNHAM (44798)  
 191 NEW STATE HWY  
 RAYNHAM, MA 027675445

Plow - Add \$6500

Vehicle: 2017 2500 TRADESMAN REG CAB 4X4 (140 in WB 8 FT 0 IN box) (DJL62)

Model:	Sales Code	Description	MSRP (USD)
Package:	DJL62	2500 TRADESMAN REG CAB 4X4 (140 in WB 8 FT 0 IN box)	34,895
	ZFA	Custom Preferred Package 2FA	0
	BTX	3.7L I6 Cummins Turbo Diesel Engine	2,100
	DG7	8-Spd Automatic 68RFE Transmission	0
Relin/Specialt Int:	PBU	True Blue Pearl Coat	0
	APA	Monotone Paint	0
	*SX	Work Grade Vinyl 40/20/40 Bench Seat	195
	*XB	Black Diesel Gray	0
Options:	4DH	Prepaid Holdback	0
	AES	Delivery Allowance Credit	0
	MAF	Fleet Purchase Incentive	0
	UA1	Uconnect 3.0	195
	XAC	ParkView(TM) Rear Back-Up Camera	245
	MRT	Chrome Tubular Side Steps	525
	DSA	Anti-Spin Differential Rear Axle	395
	ACL	DOT Certified Roadside Safety Kit	195
	XXS	Uconnect Electronic Module (VSM)	325
	XMP	Spray In Bedliner	485
	LNJ	Fog Lamps	165
	LHL	Auxiliary Switches w/PMounted	145
	AED	Chrome Appearance Group	895
	DK3	Eleg Shift, Ch, Th, Fly Transfer Case	270
	AJH	Power Wind Remover Entry Group	735
	ADE	Cold Weather Group	85
	QPG	Power Black Trailer Tow Mirrors	185
	XHC	Trailer Brake Control	280
	AHD	Heavy Duty Snow Plow Prep Group	135
	5N6	Easy Order	0
	4FM	Fleet Option Editor	0
	4FT	Fleet Sales Order	0
	192	Zone 02 - New York	0
	4EA	Special Vehicle	0
Non Equipment:	4FA	Special Bid Eligible For Incentive	0
Bid Number:	TPZ068	Government Incentives	0

Plow  
 \$39,561.00 + 6500 ~ \$46,061 ~ 47K

Note: This is not an invoice. The prices and equipment shown on this build order confirmation are tentative and subject to change or correction without prior notice. No claims against the contract listed or prices quoted will be accepted. Refer to the vehicle invoice for final vehicle content and pricing. Orders are accepted only when the vehicle is shipped by the factory.

J.C. MADIGAN INC.  
450 OLD UNION TURNPIKE  
LANCASTER, MA.

SALES DEPT.  
TEL.(978)847-2900  
FAX(978)847-0068

QUOTE :TOWN OF SCITUATE HWY. DEPT.

TO DEBBIE @ CENTRAL DODGE

FROM JOHN DWYER

1) 9 FT 3 TO 4 CUYD 10 GAUGE STEEL DUMP BODY WITH  
STRUCTURAL STEEL 12" ON CENTER CROSSMEMBERS AIR-FLO  
PRO-CLASS SERIES MOUNTED ON TOWN SUPPLIED CHASSIS  
UNDERCOATED AND PAINTED ONE COLOR WITH THE  
FOLLOWING ITEMS.

- A) 24" STEEL CABSHIELD W/ MESH SCREEN WINDOW
- B) PIONEER MANUAL TARPING SYSTEM
- C) AIR-FLO UNDERBODY HOIST ASSEMBLY
- D) ELECTRIC/HYDRAULICS W/ IN-CAB CONTROLS
- E) FRONT & REAR FLAPS @ REAR WHEELS / BACKUP & LIFT ALARMS
- F) SNAP-LATCH TAILGATE CLOSING MECHANISM

OPTIONS:

- 1) 30" STAINLESS BAWER TOOLBOX INSTALLED ADD \$650.00
- 2) PINTLE ASSEMBLY ADD \$550.00
- 3) REAR CORNER POST RECESSED FLASHERS ADD \$600.00

APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

PO# \_\_\_\_\_

## FIXED ASSETS

### USEFUL LIFE - RECOMMENDED GUIDELINES SUMMARY

This listing, a condensed version of the more specific schedule, reflects a range of estimated life used by several counties for depreciation purposes. It is not intended to be an all inclusive list of specific equipment. Your county's schedule should reflect not only the purchase price but also consideration of the rental hours and costs added for these particular types of equipment so that expenses of such are recouped within the depreciation time period. The determination of estimated life is based upon these tables and the County's own experience and professional opinion.

<u>Equipment Types</u>	<u>Estimated Life (Yrs)</u>
Attachments -Mounted and Pulled	5 - 15
ATVs - All Classes	5 - 8
Autos - Vans	5 - 8
* Bituminous Maintenance Equipment	5 - 10
Compressors	7 - 10
* Concrete Maintenance Equipment	5 - 10
Conveyors-Stackers	5 - 10
Forklifts - Skidsteers	5 - 10
Generators - Engines	5 - 10
Heavy Equipment	10 - 15
(Includes specialized equipment for specific road maintenance procedures)	
Hoist / Lift - not attached to bldg. or unit	5 - 10
Pickups	5 - 8
Plant - Crushing , Screening ,Washing	15 - 20
Salt Brine Systems	8 - 10
Small Maintenance Tools	3 - 5
(Saws, Jack Hammers, etc. often holding a number just to allow cost recovery)	
Steamers	5 - 8
Tractors	10 - 15
Trailers, large	8 - 15
Trailers - Pup, belly dump, flatbeds	7 - 12
Trailers, small	5 - 10
Trucks,	7 - 12
(Tandems and single axle trucks over 1 Ton)	
* Turf Establishment & Maintenance Equipment	5 - 10
Water Tanks	6 - 8
Wood Chippers	8 - 10

\* Includes specialized equipment not large enough to be considered "Heavy Equipment"

Many small equipment items that do not meet the capitalization threshold for a county are listed on the asset list for the purpose of recouping maintenance funds. These items can be expensed in the year purchased.

Broad categories have been used in the list to allow the list flexibility and longevity. The county can use the categories and life spans that best fit their situation.



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 11.11.16

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-422-04		
Project Title:	Truck 102, Medium Duty Truck		
Category:	Equipment		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

Replace the 2009 Chevy 2500 truck with a new Medium Duty Truck.

The expected useful life of a Medium Duty Truck varies depending on the activities that the machine is used for. The average lifespan for an average medium duty truck is 5 to 8 years according to the MN State DOT recommended guidelines. The current truck has been in service for 11 years.

All of the tasks this truck is used for are under harsh conditions in either storm work where there is influence of salt water or loaded with salt in general for the sanding operations. This truck is used also to support highway Division in various road projects and repairs and used to tow hot topping machine.

**Benefits of Project and Impact if Not Completed:**

The existing 102 truck is used but is starting to show it's age. The cab and frame are rusted and it is coming to the end of it's life cycle.

The truck must be replaced because it handles a large plow and salting route and is used for day to day activity. If this truck is not replaced the Town will become more dependent on outside contractors at a greater cost and less reliability.

**Discuss Operating Budget Impact:**

The new truck will be an impact of \$50,000 to the 2020 capital.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$50,000	\$50,000				
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

CENTRAL CHRYSLER DODGE JEEP RAM OF  
 191 NEW STATE HWY  
 RAYNHAM, MA 027675445

CONFIDENTIAL PRYLOW

*[Handwritten signature]*

2500  
~~2500~~  
 1/19

Date Printed: 2018-09-21 1:45 PM VIN:  
 Estimated Ship Date: YON:

Quantity: 1  
 Status: BA - Pending order  
 FAN 1: 006MN PLYMOUTH COUNTY  
 SHERIFFS DEPT  
 FAN 2:  
 Client Code:  
 Bid Number: TB706B  
 PO Number:

Sold to:  
 CENTRAL CHRYSLER DODGE JEEP RAM OF  
 RAYNHAM (44788)  
 191 NEW STATE HWY  
 RAYNHAM, MA 027675445

Ship to:  
 CENTRAL CHRYSLER DODGE JEEP RAM OF RAYNHAM (44788)  
 191 NEW STATE HWY  
 RAYNHAM, MA 027675445

Plow - Add \$6500

Vehicle:

2017 2500 TRADESMAN REG CAB 4X4 (140 in WB 8 FT 0 IN box) (D17L62)

Model:	Sales Code	Description	MSRP (USD)
Package:	DJ7L62	2500 TRADESMAN REG CAB 4X4 (140 in WB 8 FT 0 IN box)	34,895
	2FA	Customer Preferred Package 2FA	0
	ETK	6.7L I6 Cummins Turbo Diesel Engine	0
	DG7	6-Spd Automatic 68RFE Transmission	9,100
Relinquishment:	PBU	True Blue Pearl Coat	0
	APA	Monochrome Paint	0
	*SX	Work Grade Vinyl 40/20/40 Bench Seat	105
	*XB	Black/Diesel Gray	0
Options:	4DH	Prepaid Holdback	0
	AES	Delivery Allowance Credit	0
	MAP	Fleet Purchase Incentive	0
	UA1	Uconnect 3.0	195
	XAC	ParkView(TM); Rear Back-up Camera	245
	MRT	Chrome Tubular Side Steps	525
	DSA	Anti-Spin Differential Rear Axle	395
	ACL	DOT Certified Roadside Safety Kit	185
	XXS	Uconnect Electronic Module (XSEM)	325
	XMP	Spray In Bedliner	485
	LNJ	Fog Lamps	185
	LHL	Auxiliary Switches -1/P Mounted	145
	AED	Chrome Appearance Group	885
	PK3	Elec Shift-On-The-Fly Transfer Case	270
	AH1	Power and Remote Entry Group	735
	ADP	Cold Weather Group	95
	GPG	Power Black Trailer Tow Mirrors	195
	XHC	Taller Brake Control	280
	AHQ	Heavy Duty Snow Plow Prep Group	135
	EN9	Easy Order	0
	4PM	Fleet Option Editor	0
	4FT	Fleet Sales Order	0
	1A2	Zone 02 New York	0
	4EA	Sold Vehicle	0
Non Equipment:	4FA	Special Bid-Ineligible For Incentive	0
Bid Number:	TB706B	Government Incentives	0

$\$39,561.00 + 6500 \sim \$46,061 \sim 47K$

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J.C. MADIGAN INC.  
450 OLD UNION TURNPIKE  
LANCASTER, MA.

SALES DEPT.  
TEL.(978)847-2900  
FAX(978)847-0068

QUOTE :TOWN OF SCITUATE HWY. DEPT.

TO DEBBIE @ CENTRAL DODGE

FROM JOHN DWYER

1) 9 FT 3 TO 4 CUYD 10 GAUGE STEEL DUMP BODY WITH  
STRUCTURAL STEEL 12" ON CENTER CROSSMEMBERS AIR-FLO  
PRO-CLASS SERIES MOUNTED ON TOWN SUPPLIED CHASSIS  
UNDERCOATED AND PAINTED ONE COLOR WITH THE  
FOLLOWING ITEMS.

- A) 24" STEEL CABSHIELD W/ MESH SCREEN WINDOW
- B) PIONEER MANUAL TARPING SYSTEM
- C) AIR-FLO UNDERBODY HOIST ASSEMBLY
- D) ELECTRIC/HYDRAULICS W/ IN-CAB CONTROLS
- E) FRONT & REAR FLAPS @ REAR WHEELS / BACKUP & LIFT ALARMS
- F) SNAP-LATCH TAILGATE CLOSING MECHANISM

OPTIONS:

- 1) 30" STAINLESS BAWER TOOLBOX INSTALLED ADD \$650.00
- 2) PINTLE ASSEMBLY ADD \$550.00
- 3) REAR CORNER POST RECESSED FLASHERS ADD \$600.00

APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

PO# \_\_\_\_\_

## FIXED ASSETS

### USEFUL LIFE - RECOMMENDED GUIDELINES SUMMARY

This listing, a condensed version of the more specific schedule, reflects a range of estimated life used by several counties for depreciation purposes. It is not intended to be an all inclusive list of specific equipment. Your county's schedule should reflect not only the purchase price but also consideration of the rental hours and costs added for these particular types of equipment so that expenses of such are recouped within the depreciation time period. The determination of estimated life is based upon these tables and the County's own experience and professional opinion.

<u>Equipment Types</u>	<u>Estimated Life (Yrs)</u>
Attachments -Mounted and Pulled	5 - 15
ATVs - All Classes	5 - 8
Autos - Vans	5 - 8
* Bituminous Maintenance Equipment	5 - 10
Compressors	7 - 10
* Concrete Maintenance Equipment	5 - 10
Conveyors-Stackers	5 - 10
Forklifts - Skidsteers	5 - 10
Generators - Engines	5 - 10
Heavy Equipment	10 - 15
(includes specialized equipment for specific road maintenance procedures)	
Hoist / Lift - not attached to bldg. or unit	5 - 10
Pickups	5 - 8
Plant - Crushing , Screening ,Washing	15 - 20
Salt Brine Systems	8 - 10
Small Maintenance Tools	3 - 5
(Saws, Jack Hammers, etc. often holding a number just to allow cost recovery)	
Steamers	5 - 8
Tractors	10 - 15
Trailers, large	8 - 15
Trailers - Pup, belly dump, flatbeds	7 - 12
Trailers, small	5 - 10
Trucks,	7 - 12
(Tandems and single axle trucks over 1 Ton)	
* Turf Establishment & Maintenance Equipment	5 - 10
Water Tanks	6 - 8
Wood Chippers	8 - 10

\* Includes specialized equipment not large enough to be considered "Heavy Equipment"

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Broad categories have been used in the list to allow the list flexibility and longevity. The county can use the categories and life spans that best fit thier situation.



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 09/20/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-422-05		
Project Title:	Truck 1-8, Diesel Pick up Truck		
Category:	Equipment		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New     Recurring     Resubmission

Multiyear     Phase \_\_\_ of \_\_\_

**Description:**

Replace the 2006 truck with a new pick up truck.

The expected useful life of a pick up Truck varies depending on the activities that the machine is used for. The average lifespan for an average truck is 5 to 8 years according to the MN State DOT recommended guidelines. The current truck has been in service for 14 years.

All of the tasks this truck is used for are under harsh conditions in either storm work where there is influence of salt water or loaded with salt in general for the sanding operations. This truck is used also to support any excavation or hauling operation such as drain repairs, asphalt road repairs, disposal hauling of unsuitable materials.

**Benefits of Project and Impact if Not Completed:**

The existing 1-8 truck is used but is starting to show it's age. The cab and frame are rusted and it is coming to the end of it's life cycle.

The truck must be replaced because it is used for travel for light jobs around town including replacing traffic lights, after hours calls, to transport equipment parts, and for snow spot checking.

**Discuss Operating Budget Impact:**

The new truck will be an impact of \$45,000 to the 2020 capital.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$45,000	\$45,000					<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$45,000</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$45,000</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



2-9



Scituate Department of Public Works  
 Town Hall  
 600 Chief Justice Cushing Way  
 Scituate, MA 02066  
 Attn.: Kevin Cafferty, Director

June 4, 2018

Dear Mr. Cafferty,

Per your request, I am writing to offer a proposal to supply your department with a new Chevrolet per our contract #18-19-20, with the Plymouth County Commissioners. All vehicles offered under this contract come with a 5 year/100,000 mile powertrain warranty.

Item #28      2018 Chevrolet Full Size K2500 4x4 Silverado Pick up  
 133" Wheelbase, Long Bed, 9,500 LBS GVWR Pick up  
 6.0 Liter V8 E85 Capable, 360 HP with Oil Cooler  
 6 Speed Automatic Transmission with Oil Cooler  
 150 Amp Alternator, 720 CCA Battery  
 Automatic Halogen Headlights with Daytime Running Lights  
 Front Chassis Mounted Recovery Hooks  
 Four Wheel Anti-Lock Front and Rear Disc Brakes  
 (5) LT245/75R17E All Season Radials with Full Size Spare  
 Manual Folding OSRV Mirrors  
 Vinyl Trim, 40/20/40 Split Bench Seat with Center Fold Down Armrest  
 Heavy Duty Vinyl Floor Mat  
 AM/FM Stereo with Digital Clock  
 Tilt Steering Wheel and Cruise Control  
 2 Dash Mounted Auxiliary Power Outlets  
 Factory Air Conditioning  
 Factory Gauge Package with Tachometer and Tire Pressure Monitor  
 Driver Information Center  
 Manual Windows and Door Locks                                  \$27,587.65

Available Factory Options:

QXT	LT265/70R17E All Terrain Radials	\$ 200.00
PCR	Work Truck Convenience Package	\$ 725.00
VYU	Factory Snow Plow Prep Package	\$ 385.00
DPN	Electric Remote, Heated Trailing Mirrors	\$ 350.00
Z82	Heavy Duty Trailing Equipment	\$ 300.00
JL1	Electronic Trailer Brake Controller	\$ 275.00
TGK	Factory Special Paint (Indigo Blue Metallic)	\$ 425.00
	Less Contract Discount for Options 3%	\$ (79.80)

Additional Contract Options:

1552	Whelen Mini Liberty LED Lightbar	\$ 1,190.00
288	4 Whelen Vertex Corner Flashers	\$ 750.00
1614	Fisher 8' Snow Plow System	\$ 5,940.00
1624	Fisher Snow Foil	\$ 455.00

	\$ 39,258
RADIO	1,000
	<hr/>
	40,258
	x 1.05
	<hr/>
	\$ 42,270.9
 ASK FOR \$45K	



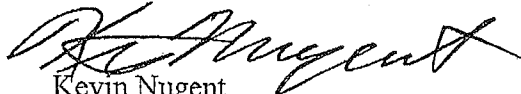
1899	Spray-in Type Bedliner for Pick up	\$ 599.00
1913	Slide-in Combination Pintel/Ball Hitch	\$ 157.00
	<b>TOTAL DELIVERED PRICE</b>	<b>\$39,258.85</b>
	Less Trade Value for:	
	#5-4, 2005 2WD F150 Extended Cab Pickup	\$ (700.00)
	<b>NET DELIVERED PRICE</b>	<b>\$38,558.85</b>

Liberty Chevrolet currently has 2 trucks (Color Blue, VIN 201392/200282) in stock and available for immediate delivery, allowing approximately 4 weeks for installation of plow and Lighting. These units are subject to prior sale, therefore please contact me as soon as a purchase decision is made so that they may be secured for your department.

Please note that this proposal is only valid for the units referenced above. General Motors is not accepting orders for this model for 2019. Liberty Chevrolet will not be able to fulfill this order if these units are sold.

Thank you for your consideration of Liberty Chevrolet. If you have any questions concerning our proposal, please don't hesitate to contact me at (781) 287-7541.

Sincerely,



Kevin Nugent  
Fleet Sales Manager



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2018 - FY2022

Date submitted: \_11/10/16\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-422-01		
Project Title:	Roads and Sidewalk Improvements		
Category:	Construction		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project Is:      New    [ ]      Recurring [ X ]      Resubmission [ ]

                         Multyear [ ]      Phase \_\_\_ of \_\_\_

Description:

Funds are used to supplement Chapter 90 state funds to make improvements to the roadways and sidewalks.

Benefits of Project and Impact if Not Completed:

The Town is benefitted by the additional funds because we can do more paving and make accessibility improvements. These funds are used in conjunction with the water project to repair the roads (fullwidth) and replace sidewalks where they are in dire need.

These funds can also be used to make handicap accessibility improvements.

Discuss Operating Budget Impact:

The request is for \$200,000 to the 2022 capital project.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2018	FY2019	FY2020	FY2021	FY2022	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$200,000				\$200,000		<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
							<input type="checkbox"/> CPA
TOTAL	\$200,000	\$0	\$0	\$0	\$200,000	\$0	<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0						CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0						
Net of CPA and Grants	\$200,000	\$0	\$0	\$0	\$200,000	\$0	
Operating Budget Impact							
During Project	\$0						<input type="checkbox"/> Open Space
Post-Project Annual							<input type="checkbox"/> Recreation
Post-Project One-time	\$0						<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 09/20/18

Date of Last Edit:

Project Number:	2021-422-04		
Project Title:	Lawson Road		
Category:	Construction		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

**Description:**

*Curb to Curb resurfacing of road and sidewalk. Lawson Road*

**Benefits of Project and Impact if Not Completed:**

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$223,260		\$223,260			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$223,260</b>	<b>\$0</b>	<b>\$223,260</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s) Check all that apply	
<input checked="" type="checkbox"/>	Tax Levy
<input checked="" type="checkbox"/>	Debt
<input type="checkbox"/>	Enterprise Retained Earnings
<input checked="" type="checkbox"/>	Capital Stabilization
<input checked="" type="checkbox"/>	Free Cash
<input type="checkbox"/>	Revolving Fund
<input type="checkbox"/>	CPA
<input checked="" type="checkbox"/>	Grant(s) or Other Ch 90

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$223,260</b>	<b>\$0</b>	<b>\$223,260</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s) Check all that apply	
<input type="checkbox"/>	Open Space
<input type="checkbox"/>	Recreation
<input type="checkbox"/>	Historical
<input type="checkbox"/>	Housing

Operating Budget Impact	
During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0

LENGTH: 5370 DATE:

WIDTH 24

14,320 S/Y

**CHAP 90**

TONS MACHINE WORK

TONS HAND WORK

S/Y Sidewalk

21

QUANTITY	UNIT	KIND OF WORK	PRICE	AMOUNT
16	EA	Gates - (ADJUST)	\$200.00	\$ 3,200.00
10	EA	STRUCTURES - (ADJUST)	\$200.00	\$ 2,000.00
5	VFT	STRUCTURES 6" VERTICAL	\$350.00	\$ 1,750.00
	VFT	LESS THAN 6"VF STRUCTURES	\$195.00	\$ -
	EA	PRE CAST DRAINAGE STRUCTURE	\$675.00	\$ -
	SY	RECLAMATION	\$3.00	\$ -
	CY	EXCESS MATERIAL	\$4.00	\$ -
	SY	FINE GRADE/COMPACT	\$1.00	\$ -
14,320	SY	Cold Plan 2"	\$2.70	\$ 38,664.00
	L/FT	Sidewalk Rebuild with curb	\$35.00	\$ -
	S/Y	Bit. Concrete sidewalk construction	\$44.90	\$ -
	L/FT	sawcutting (sidewalk)	\$1.00	\$ -
	Ton	Gravel (sidewalk)	\$24.00	\$ -
	Gal	TACK TRUCK	\$4.60	\$ -
	TON	BITUMINOUS CONC. BINDER 2.5	\$78.00	\$ -
1309	TON	BITUMINOUS CONC. MACHINE TOP COURSE 1.5	\$78.00	\$ 102,097.32
872.63	TON	BITUMINOUS CONC. LEVELING 1"	\$78.00	\$ 68,065.14
	TON	BITUMINOUS CONC. HANDWORK	\$150.00	\$ -
80	HR	2 POLICE DETAILS	\$93.54	\$ 7,483.20
	CY	LOAM	\$20.00	\$ -
	SY	HYDRO-SEED	\$10.00	\$ -
	HR	Excavation and Removal around guardrail	\$120.00	\$ -
	EA	FRAME& GRATE/COVER	\$250.00	\$ -
	LFT	Plastic or Cement 12" Pipe 12" installed	\$25.00	\$ -
	EA	PRE CAST DRAINAGE LEACHING STRUCTURE INSTALLED	\$2,250.00	\$ -
	LFT	Line Striping (Single center line Thermoplastic)	\$0.76	\$ -
	EA	PRECAST HEADWALL	\$3,000.00	\$ -
	EA	4"-6" RIP RAP ROCK	\$1,000.00	\$ -
	HR	Grader (for patching)	\$90.00	\$ -
	HR	10-TON VIBRATOR ROLLER	\$120.00	\$ -
	HR	10 Wheel Truck	\$60.00	\$ -
	SY	CEMENT TRUCK (MIN. 4 YARDS)	\$110.00	\$ -
		ESTIMATED TOTAL		\$ 223,259.66



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 09/20/18

Date of Last Edit:

Project Number:	2021-422-07		
Project Title:	Brook Street		
Category:	Construction		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

*Curb to Curb resurfacing of road and sidewalk. Brook Street*

**Benefits of Project and Impact if Not Completed:**

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$237,533		\$237,533			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$237,533</b>	<b>\$0</b>	<b>\$237,533</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other Ch 90

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$237,533</b>	<b>\$0</b>	<b>\$237,533</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				

PRELIMINARY ESTIMATE CHAPTER 90 FORCE ACCOUNT

2 /

CONSTRUCTION PROJECT Brook street

TOWN: SCITUATE

LENGTH: 2227 DATE:

WIDTH 26

6,434 S/Y

CHAP 90

TONS MACHINE WORK

TONS HAND WORK

S/Y Sidewalk

QUANTITY	UNIT	KIND OF WORK	PRICE	AMOUNT
13	EA	Gates - (ADJUST)	\$200.00	\$ 2,600.00
31	EA	STRUCTURES - (ADJUST)	\$200.00	\$ 6,200.00
	VFT	STRUCTURES 6" VERTICAL	\$350.00	\$ -
	VFT	LESS THAN 6"VF STRUCTURES	\$195.00	\$ -
	EA	PRE CAST DRAINAGE STRUCTURE	\$675.00	\$ -
	SY	RECLAMATION	\$3.00	\$ -
	CY	EXCESS MATERIAL	\$4.00	\$ -
	SY	FINE GRADE/COMPACT	\$1.00	\$ -
6,434	SY	Cold Plan 2"	\$2.70	\$ 17,371.80
	L/FT	Sidewalk Rebuild with curb	\$35.00	\$ -
	S/Y	Bit. Concrete sidewalk construction	\$44.90	\$ -
	L/FT	sawcutting (sidewalk)	\$1.00	\$ -
	Ton	Gravel (sidewalk)	\$24.00	\$ -
	Gal	TACK TRUCK	\$4.60	\$ -
	TON	BITUMINOUS CONC. BINDER 2.5	\$78.00	\$ -
1568	TON	BITUMINOUS CONC. MACHINE TOP COURSE 1.5	\$78.00	\$ 122,326.62
1045.53	TON	BITUMINOUS CONC. LEVELING 1"	\$78.00	\$ 81,551.34
	TON	BITUMINOUS CONC. HANDWORK	\$150.00	\$ -
80	HR	2 POLICE DETAILS	\$93.54	\$ 7,483.20
	CY	LOAM	\$20.00	\$ -
	SY	HYDRO-SEED	\$10.00	\$ -
	HR	Excavation and Removal around guardrail	\$120.00	\$ -
	EA	FRAME & GRATE/COVER	\$250.00	\$ -
	LFT	Plastic or Cement 12" Pipe 12" installed	\$25.00	\$ -
	EA	PRE CAST DRAINAGE LEACHING STRUCTURE INSTALLED	\$2,250.00	\$ -
	LFT	Line Striping (Single center line Thermoplastic)	\$0.76	\$ -
	EA	PRECAST HEADWALL	\$3,000.00	\$ -
	EA	4"-6" RIP RAP ROCK	\$1,000.00	\$ -
	HR	Grader (for patching)	\$90.00	\$ -
	HR	10-TON VIBRATOR ROLLER	\$120.00	\$ -
	HR	10 Wheel Truck	\$60.00	\$ -
	SY	CEMENT TRUCK (MIN. 4 YARDS)	\$110.00	\$ -
		ESTIMATED TOTAL		\$ 237,532.96



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 09/20/18

Date of Last Edit:

Project Number:	2021-422-08		
Project Title:	Country Way		
Category:	Construction		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New          Recurring          Resubmission   

Multiyear          Phase \_\_\_ of \_\_\_

**Description:**

*Curb to Curb resurfacing of road and sidewalk. Country Way First Parish Road to Booth Hill Road.*

**Benefits of Project and Impact if Not Completed:**

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$841,118		\$841,118			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$841,118</b>	<b>\$0</b>	<b>\$841,118</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_ Ch 90

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$841,118</b>	<b>\$0</b>	<b>\$841,118</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



# PRELIMINARY ESTIMATE CHAPTER 90 FORCE ACCOUNT

CONSTRUCTION PROJECT Country Way from first parish road to North Scituate village TOWN: SCITUATE

LENGTH: 10710 DATE:

WIDTH 36

42,840 S/Y

## CHAP 90

TONS MACHINE WORK

TONS HAND WORK

4700 S/Y Sidewalk

QUANTITY	UNIT	KIND OF WORK	PRICE	AMOUNT
25	EA	Gates - (ADJUST)	\$200.00	\$ 5,000.00
45	EA	STRUCTURES - (ADJUST)	\$200.00	\$ 9,000.00
2	VFT	STRUCTURES 6" VERTICAL	\$350.00	\$ 700.00
	VFT	LESS THAN 6"VF STRUCTURES	\$195.00	\$ -
1	EA	PRE CAST DRAINAGE STRUCTURE	\$675.00	\$ 675.00
	SY	RECLAMATION	\$3.00	\$ -
	CY	EXCESS MATERIAL	\$4.00	\$ -
	SY	FINE GRADE/COMPACT	\$1.00	\$ -
42,840	SY	Cold Plan 2"	\$2.70	\$ 115,668.00
4700	L/FT	Sidewalk Rebuild with curb	\$45.00	\$ 211,500.00
	S/Y	Bit. Concrete sidewalk construction	\$44.90	\$ -
	L/FT	sawcutting (sidewalk)	\$1.00	\$ -
	Ton	Gravel (sidewalk)	\$24.00	\$ -
	Gal	TACK TRUCK	\$4.60	\$ -
	TON	BITUMINOUS CONC. BINDER 2.5	\$80.00	\$ -
3615	TON	BITUMINOUS CONC. MACHINE TOP COURSE 1.5	\$80.00	\$ 289,200.00
2410	TON	BITUMINOUS CONC: LEVELING 1"	\$80.00	\$ 192,800.00
	TON	BITUMINOUS CONC. HANDWORK	\$150.00	\$ -
160	HR	2 POLICE DETAILS	\$46.77	\$ 7,483.20
	CY	LOAM	\$20.00	\$ -
	SY	HYDRO-SEED	\$10.00	\$ -
8	HR	Excavation and Removal around guardrail	\$120.00	\$ 960.00
	EA	FRAME& GRATE/COVER	\$250.00	\$ -
	LFT	Plastic or Cement 12" Pipe 12" installed	\$45.00	\$ -
	EA	PRE CAST DRAINAGE LEACHING STRUCTURE INSTALLED	\$2,250.00	\$ -
10700	LFT	Line Striping (Single center line Thermoplastic)	\$0.76	\$ 8,132.00
	EA	PRECAST HEADWALL	\$3,000.00	\$ -
	EA	4"-6" RIP RAP ROCK	\$1,000.00	\$ -
	HR	Grader (for patching)	\$90.00	\$ -
	HR	10-TON VIBRATOR ROLLER	\$120.00	\$ -
	HR	10 Wheel Truck	\$60.00	\$ -
	SY	CEMENT TRUCK (MIN. 4 YARDS)	\$110.00	\$ -
		ESTIMATED TOTAL		\$ 841,118.20



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 11.11.16

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-422-06		
Project Title:	Roof for Salt Shed		
Category:	Equipment		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring [ ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

New vinyl roof for Salt Shed

**Benefits of Project and Impact if Not Completed:**

*Current Salt shed hold approximately 2500 tons for salt for Roadway maintenance during winter storms.*

**Discuss Operating Budget Impact:**

*The request is for \$30,000 to the 2021 capital.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$30,000		\$30,000				<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2018 - FY2022

Date submitted: 11/10/16

Date of Last Edit: \_\_\_\_\_

Project Number:	2022-422-01		
Project Title:	Roads and Sidewalk Improvements		
Category:	Construction		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New [ ] Recurring [ X ] Resubmission [ ]

Multyear [ ] Phase \_\_\_ of \_\_\_

Description:

Funds are used to supplement Chapter 90 state funds to make improvements to the roadways and sidewalks.

Benefits of Project and Impact if Not Completed:

The Town is benefitted by the additional funds because we can do more paving and make accessibility improvements. These funds are used in conjunction with the water project to repair the roads (fullwidth) and replace sidewalks where they are in dire need.

These funds can also be used to make handicap accessibility improvements.

Discuss Operating Budget Impact:

The request is for \$200,000 to the 2022 capital project.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2018	FY2019	FY2020	FY2021	FY2022	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$200,000					\$200,000	<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$200,000	\$0	\$0	\$0	\$0	\$200,000	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$200,000	\$0	\$0	\$0	\$0	\$200,000

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2019 - FY2023

Date submitted: 11/10/17

Date of Last Edit: \_\_\_\_\_

Project Number:	2023-422-01		
Project Title:	Roads and Sidewalk Improvements		
Category:	Construction		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project Is:	New [ ]	Recurring [ X ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

Description:

Funds are used to supplement Chapter 90 state funds to make improvements to the roadways and sidewalks.

Benefits of Project and Impact if Not Completed:

The Town is benefitted by the additional funds because we can do more paving and make accessibility improvements. These funds are used in conjunction with the water project to repair the roads (fullwidth) and replace sidewalks where they are in dire need.

These funds can also be used to make handicap accessibility improvements.

Discuss Operating Budget Impact:

The request is for \$200,000 to the 2023 capital project.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$200,000					\$200,000	<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$200,000	\$0	\$0	\$0	\$0	\$200,000	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0						CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0						
Net of CPA and Grants	\$200,000	\$0	\$0	\$0	\$0	\$200,000	

Operating Budget Impact							
During Project	\$0						<input type="checkbox"/> Open Space
Post-Project Annual							<input type="checkbox"/> Recreation
Post-Project One-time	\$0						<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 09/20/18 Date of Last Edit:

Project Number:	2024-422-03	
Project Title:	Mann Lot Road	
Category:	Construction	
Department:	Highway	Contact: Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New [ ] Recurring [ ] Resubmission [ ]

Multiyear [ ] Phase \_\_\_ of \_\_\_

**Description:**

*Curb to Curb resurfacing of road and sidewalk. Mann Lot Road*

**Benefits of Project and Impact if Not Completed:**

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$151,270					\$151,270
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$151,270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$151,270</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other Ch 90

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$151,270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$151,270</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

PRELIMINARY ESTIMATE CHAPTER 90 FORCE ACCOUNT

CONSTRUCTION PROJECT Mann Lot Road

TOWN: SCITUATE

22

LENGTH: 3344 DATE:

WIDTH 26

9,660 S/Y

**CHAP 90**

TONS MACHINE WORK

TONS HAND WORK

S/Y Sidewalk

QUANTITY	UNIT	KIND OF WORK	PRICE	AMOUNT
5	EA	Gates - (ADJUST)	\$200.00	\$ 1,000.00
0	EA	STRUCTURES - (ADJUST)	\$200.00	\$ -
2	VFT	STRUCTURES 6" VERTICAL	\$350.00	\$ 700.00
	VFT	LESS THAN 6"VF STRUCTURES	\$195.00	\$ -
	EA	PRE CAST DRAINAGE STRUCTURE	\$675.00	\$ -
	SY	RECLAMATION	\$3.00	\$ -
	CY	EXCESS MATERIAL	\$4.00	\$ -
	SY	FINE GRADE/COMPACT	\$1.00	\$ -
9,660	SY	Cold Plan 2"	\$2.70	\$ 26,082.00
	L/FT	Sidewalk Rebuild with curb	\$35.00	\$ -
	S/Y	Bit. Concrete sidewalk construction	\$44.90	\$ -
	L/FT	sawcutting (sidewalk)	\$1.00	\$ -
	Ton	Gravel (sidewalk)	\$24.00	\$ -
	Gal	TACK TRUCK	\$4.60	\$ -
	TON	BITUMINOUS CONC. BINDER 2.5	\$78.00	\$ -
815	TON	BITUMINOUS CONC. MACHINE TOP COURSE 1.5	\$78.00	\$ 63,577.80
543.4	TON	BITUMINOUS CONC. LEVELING 1"	\$78.00	\$ 42,385.20
50	TON	BITUMINOUS CONC. HANDWORK	\$150.00	\$ 7,500.00
80	HR	2 POLICE DETAILS	\$93.54	\$ 7,483.20
	CY	LOAM	\$20.00	\$ -
	SY	HYDRO-SEED	\$10.00	\$ -
	HR	Excavation and Removal around guardrail	\$120.00	\$ -
	EA	FRAME& GRATE/COVER	\$250.00	\$ -
	LFT	Plastic or Cement 12" Pipe 12" installed	\$25.00	\$ -
	EA	PRE CAST DRAINAGE LEACHING STRUCTURE INSTALLED	\$2,250.00	\$ -
3344	LFT	Line Striping (Single center line Thermoplastic)	\$0.76	\$ 2,541.44
	EA	PRECAST HEADWALL	\$3,000.00	\$ -
	EA	4"-6" RIP RAP ROCK	\$1,000.00	\$ -
	HR	Grader (for patching)	\$90.00	\$ -
	HR	10-TON VIBRATOR ROLLER	\$120.00	\$ -
	HR	10 Wheel Truck	\$60.00	\$ -
	SY	CEMENT TRUCK (MIN. 4 YARDS)	\$110.00	\$ -
		ESTIMATED TOTAL		\$ 151,269.64



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/20/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2024-422-1		
Project Title:	Truck Lift		
Category:	Equipment		
Department:	Highway	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

New Four Post Truck lift.

**Benefits of Project and Impact if Not Completed:**

*The current Truck lift is over 15 years old it is used frequently to lift heavy trucks and by replacing this it would be safer for the mechanic to work on the equipment.*

**Discuss Operating Budget Impact:**

*The request is for \$28,000 to the 2024 capital.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$28,000					\$28,000
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$28,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$28,000</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$28,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$28,000</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

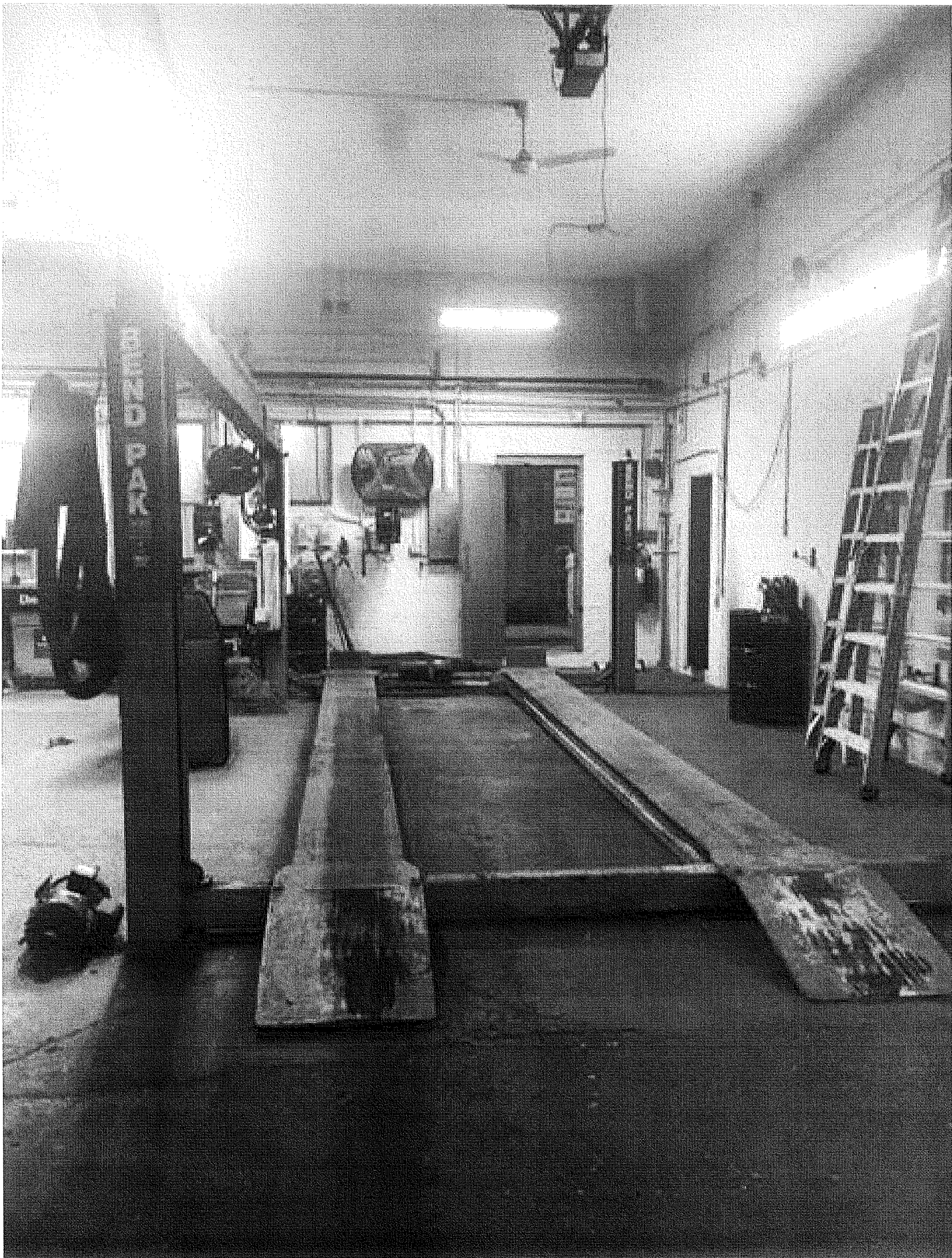
Recreation

Historical

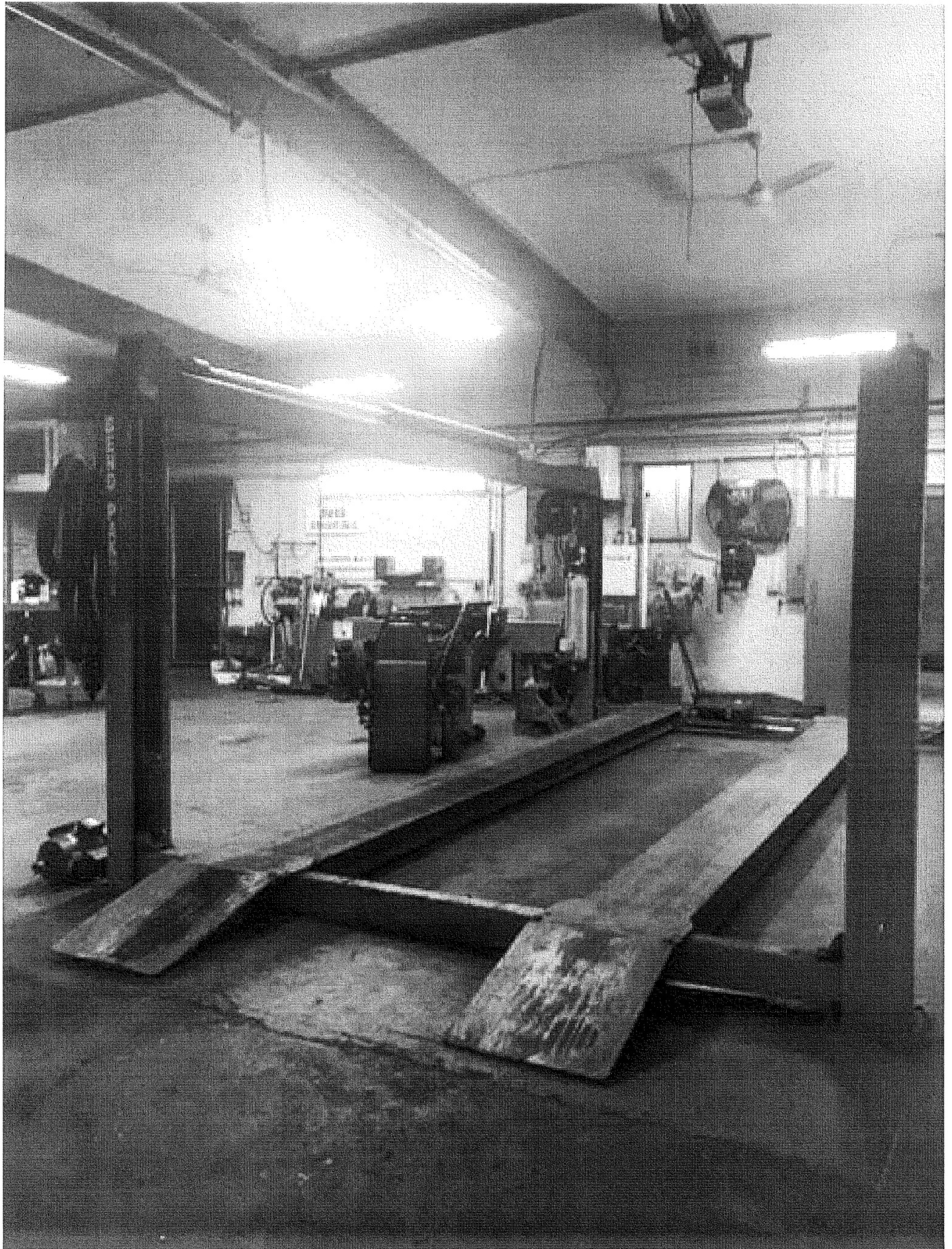
Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					







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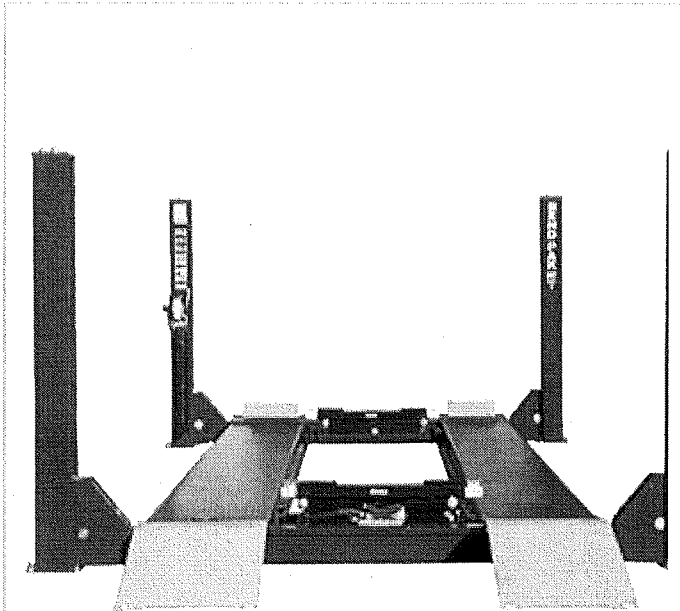
Home

Car Lifts

4 Post Lifts

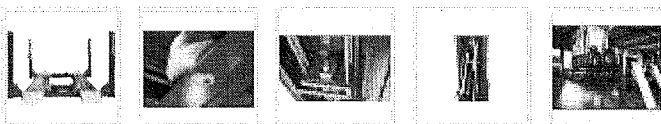
**BendPak Four Post Truck Lift 40,000-lb. Capacity HDS40X**

## BendPak Four Post Truck Lift 40,000-lb. Capacity HDS40X



Double click on above image to view full picture

**MORE VIEWS**



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**\$31,415.00**

**\$26,285.00**

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**Robert C**

24 Sep 2018

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Town of Scituate  
 Capital Plan - FY 2020-2024  
 Criteria Points-Summary  
 Sorted by Fund, Department, Year & Score

Total	Project	Project #	Department	Year	Fund	Request	Comment
40	Truck 2-9 Replacement	2020-429-06	DPW - Grounds	2020	GF	\$ 45,000	
39	Gates School Field Repair	2020-429-07	DPW - Grounds	2020	GF	\$ 60,000	
39	Truck 2-5, Medium Duty Dump Truck	2020-429-08	DPW - Grounds	2020	GF	\$ 95,000	
38	Replace #2-0 1999 Ford 250 Pick-up	2020-429-04	DPW - Grounds	2020	GF	\$ 50,000	
37	Excavator	2020-429-04	DPW - Grounds	2020	GF	\$ 65,000	
37	Walkway Improvement at Town Hall	2020-429-10	DPW - Grounds	2020	GF	\$ 35,000	
31	Cemetery Maintenance Database Program	2020-429-01	DPW - Grounds	2020	GF	\$ 30,000	
24	Multihog Roadside Brush Cutter	2020-429-11	DPW - Grounds	2020	GF	\$ 142,000	
23	Replace #2-8 - 2007 Chevy 3600 Dump Truck	2020-429-05	DPW - Grounds	2020	GF	\$ 65,000	
56	Cudworth Cemetery Expansion	2021-429-03	DPW - Grounds	2021	GF	\$ 100,000	
53	Vermeer Stump Grinder	2021-429-04	DPW - Grounds	2021	GF	\$ 52,000	
53	Vermeer Stump Chipper	2021-429-05	DPW - Grounds	2021	GF	\$ 60,000	
39	Field Repair/Construction	2021-429-01	DPW - Grounds	2021	GF	\$ 58,000	
42	Wheel Loader	2022-429-02	DPW - Grounds	2022	GF	\$ 65,000	
39	Field Repair/Construction	2022-429-01	DPW - Grounds	2022	GF	\$ 35,000	
39	Gates School Field Repair	2022-429-03	DPW - Grounds	2022	GF	\$ 60,000	
30	Replace 1985 John Deere Tractor	2023-429-03	DPW - Grounds	2023	GF	\$ 50,000	
21	Leaf & Debris Vacuum	2024-429-01	DPW - Grounds	2024	GF	\$ 33,000	
						\$ 1,100,000	



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/20/18

Date of Last Edit:

Project Number:	2020-429-06	
Project Title:	2-9	
Category:	Truck Replacement	
Department:	Public Grounds	Contact:

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

**Description:**

*Provide project description, including an overview of its timeline, location(s), stakeholders, cost drivers, supporting detail, and expected useful life.*

Replace Truck 2-9 3/4 ton  
Location 68 Capt Peirce Road

**Benefits of Project and Impact if Not Completed:**

*Highlight project benefits, including efficiencies created, service enhancements, and cost savings. Also describe any short- and long- term consequences of not funding the project.*

Truck is used for transporting light equipment, and used in recycling throughout town. It plows in winter months and the benefits would be we would use less contractors.

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$45,000	\$45,000				
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$45,000</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s) Check all that apply	
<input checked="" type="checkbox"/>	Tax Levy
<input checked="" type="checkbox"/>	Debt
<input type="checkbox"/>	Enterprise Retained Earnings
<input checked="" type="checkbox"/>	Capital Stabilization
<input checked="" type="checkbox"/>	Free Cash
<input type="checkbox"/>	Revolving Fund
<input type="checkbox"/>	CPA
<input type="checkbox"/>	Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$45,000</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s) Check all that apply	
<input type="checkbox"/>	Open Space
<input type="checkbox"/>	Recreation
<input type="checkbox"/>	Historical
<input type="checkbox"/>	Housing

<b>Operating Budget Impact</b>						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



1899	Spray-in Type Bedliner for Pick up	\$ 599.00
1913	Slide-in Combination Pintel/Ball Hitch	\$ 157.00
	<b>TOTAL DELIVERED PRICE</b>	<b>\$39,258.85</b>
	Less Trade Value for:	
	#5-4, 2005 2WD F150 Extended Cab Pickup	\$ (700.00)
	<b>NET DELIVERED PRICE</b>	<b>\$38,558.85</b>

Liberty Chevrolet currently has 2 trucks (Color Blue, VIN 201392/200282) in stock and available for immediate delivery, allowing approximately 4 weeks for installation of plow and Lighting. These units are subject to prior sale, therefore please contact me as soon as a purchase decision is made so that they may be secured for your department.

Please note that this proposal is only valid for the units referenced above. General Motors is not accepting orders for this model for 2019. Liberty Chevrolet will not be able to fulfill this order if these units are sold.

Thank you for your consideration of Liberty Chevrolet. If you have any questions concerning our proposal, please don't hesitate to contact me at (781) 287-7541.

Sincerely,



Kevin Nugent  
Fleet Sales Manager

*Handwritten signature*



1. Truck: Public Grounds 2-9
2. Year : 2005
3. Mileage : 103,002 ~~120,000~~
4. Used for: Checking out scheduled work sites, moving mowers. Paint machine around, picking roads and moving employees around , plowing in winter months
5. Problems to truck : Floor rot, body rot, dump body rot and running poorly



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/20/18

Date of Last Edit:

Project Number:	2020-429-07		
Project Title:	Gates School Field Repair		
Category:	Field		
Department:	Grounds	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

*Reconstruction of practice field 160X404 (64630 sf / 7182 sy) Pulverize, rough grade existing field Install approximately 800cy of loam to finish grade hydro seed includes locating, removal and capping and re-installing and adjusting sprinkler heads.*

**Benefits of Project and Impact if Not Completed:**

*Improving the current condition of the Town playing field for all sporting events.*

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		FY2020	FY2021	FY2022	FY2023	FY2024	<input checked="" type="checkbox"/> Tax Levy	<input checked="" type="checkbox"/> Debt
Study/Design	\$0						<input type="checkbox"/> Enterprise Retained Earnings	
Land Acquisition	\$0						<input checked="" type="checkbox"/> Capital Stabilization	
Construction	\$60,000	\$60,000					<input checked="" type="checkbox"/> Free Cash	
Equipment/Furnishings	\$0						<input type="checkbox"/> Revolving Fund	
Contingency	\$0						<input type="checkbox"/> CPA	
Other	\$0						<input type="checkbox"/> Grant(s) or Other	
<b>TOTAL</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 09/20/19

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-429-08		
Project Title:	Truck 2-5, Medium Duty Dump Truck		
Category:	Equipment		
Department:	Grounds	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

Replace the 1999 dump truck with a new Medium Duty Truck.

The expected useful life of a Medium Duty Truck varies depending on the activities that the machine is used for. The average lifespan for an average medium duty truck is 5 to 8 years according to the MN State DOT recommended guidelines. The current truck has been in service for 20 years.

This truck is used under harsh conditions in emergency tree work, limbs, brush removal, and transporting nets for the fields.

**Benefits of Project and Impact if Not Completed:**

The existing 2-5 truck is used and is starting to show it's age. The cab and frame are rusted and it is coming to the end of it's life cycle.

**Discuss Operating Budget Impact:**

The new truck will be an impact of \$95,000 to the 2020 capital.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$95,000	\$95,000				
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$95,000</b>	<b>\$95,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$95,000</b>	<b>\$95,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

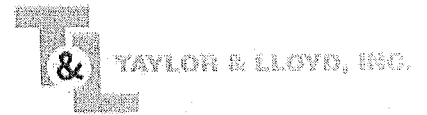
Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

MV (4300) Knapheide Dumping Rack Body



Description:

Quote Date: 9/26/2018 25,500 GVWR Hydraulic Brakes

Presented in accordance with Greater Boston Police Council Cooperative Procurement Program/MAPC.  
 Contract# GBPC 2018 Trucks - Pricing valid through: October 30, 2018 Current contract available upon request.

Town of Scituate  
 Rick  
 68 Captain Pierce Road  
 Scituate, MA 02066  
 xxx-xxx-xxxx

Based on our previous discussions, I have prepared the following proposal for your review.

Quantity	Description	Unit Price
<b>BASE UNIT AND CHASSIS OPTIONS</b>		
	12-101C Medium Duty International Truck Model: 4300 / MV SBA 4 x 2	\$ 70,545.00
	136 80,000 psi 10.25" x 3.092" x 0.375"	\$ 403.00
	155 Air Suspension Drivers Seat	\$ 315.00
	156 Two-Man Passenger Seat ILO Single Seat	\$ 585.00
	170 Trailer Brake Connections - Electric	\$ 368.00
	177 Front Tow Hooks - Double	\$ 85.00
	188 Heavy Duty .472" Hub Piloted Disc Wheels - Front Axle	\$ 195.00
	189 Heavy Duty .472" Hub Piloted Disc Wheels - Rear Axle - per axle	\$ 316.00
	190 Powder Coated Wheels	\$ 73.00
<b>BODY &amp; EQUIPMENT OPTIONS</b>		
2	328 Stationary Steel Headboard for Rack Body	\$ 1,624.00
	329 Diamond Plate Steel Flooring for Rack Body - per foot	\$ 66.00
	330 Twelve (12) Foot Dumping Rack Body with Electric/Hydraulic Hoist	\$ 10,150.00
	331 Add for each 2 Ft. Increment	\$ 914.00
	335 Polymer Rear Fenders	\$ 964.00
	338 PTO & Pump for Automatic or Manual Transmission	\$ 3,248.00
4	492 30" Stainless Steel Underbody Tool Box	\$ 2,640.00









TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2018 - FY2022

Date submitted: 11.11.16

Date of Last Edit: \_\_\_\_\_

Project Number:	<u>0020-429-04</u>		
Project Title:	Truck 2-0, Pick Up Truck		
Category:	Equipment		
Department:	Grounds	Contact:	Mike Breen/Kevln Cafferty

Department Priority

Urgent/Legally Required

Maintain Service

Enhancement

Project Is:	New <input type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

Description:

Replace the 1999 Chevy Pick Up Truck with a new Medium Duty Truck.  
The expected useful life of a Medium Duty Truck varies depending on the activities that the machine is used for. The average lifespan for an average medium duty truck is 5 to 8 years according to the MN State DOT recommended guidelines. The current truck has been in service for 20 years. The truck has over 200,000 miles and has rust on the frame and body.

All of the tasks this truck is used for are under harsh conditions in either storm work where there is influence of salt water or loaded with salt in general for the sanding operations. This truck is used also to support the grounds department in hauling mowers and do tree clearing work.

Benefits of Project and Impact if Not Completed:

The existing 2-0 truck is used but is starting to show it's age. The cab and frame are rusted and it is coming to the end of it's life cycle.

The truck must be replaced because it handles a plow and is used for day to day activity. If this truck is not replaced the Town will become more dependent on outside contractors at a greater cost and less reliability.

Discuss Operating Budget Impact:

The new truck will be an impact of \$50,000 to the 2019 capital.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		FY2018	FY2019	FY2020	FY2021	FY2022	<input checked="" type="checkbox"/> Tax Levy	<input checked="" type="checkbox"/> Debt
Study/Design	\$0						<input type="checkbox"/> Enterprise Retained Earnings	
Land Acquisition	\$0						<input checked="" type="checkbox"/> Capital Stabilization	
Construction	\$0						<input checked="" type="checkbox"/> Free Cash	
Equipment/Furnishings	\$50,000		\$50,000				<input type="checkbox"/> Revolving Fund	
Contingency	\$0						<input type="checkbox"/> CPA	
Other	\$0						<input type="checkbox"/> Grant(s) or Other	
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

Grant Amount Requested	\$0						
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

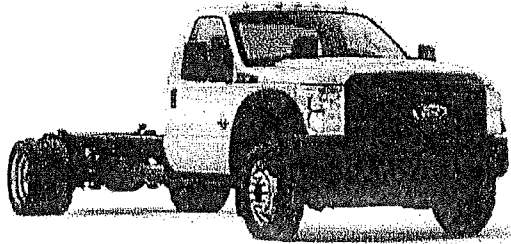
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

Trucks (2-6) (2-3)

# Plymouth County Commissioners Cooperative Procurement Specifications

CAB & CHASSIS

## 18,000 GVW 4X2 STANDARD SIZE CAB AND CHASSIS



**Manufacturer:** FORD MOTOR COMPANY  
**Model Year:** 2015 OR CURRENT  
**Model Name:** F550 SUPER DUTY CHASSIS  
**Specification:** 15-23  
**Contract Price:** \$31,500.00

*21 with options \$50,000*  
*23 with options \$60,000*

### STANDARD EQUIPMENT SUMMARY

- Engine 6.8L V10 gas
- Horsepower (SAE net @ rpm) 362 @ 4750
- Torque (lb.-ft. @ rpm) 457 @ 3250
- Transmission TorqShift 5-speed automatic with tow/haul mode
- Alternator 175-amp (heavy-duty)
- Climate control — single-zone manual
- Door locks and windows — manual
- Floor covering — black, full-length vinyl
- Seating — heavy-duty vinyl front 40/20/40 split bench
- Steering column — manual tilt/telescoping
- 141" wheelbase - 60" cab to axle
- Front axle — Monobeam with coil spring
- Rear axle — non limited slip
- Seven (7) 225/70R19.5G BSW A/S tires Includes spare wheel
- Wheels 19.5" argent painted steel
- Glass — Solar-tinted
- Springs — rear auxiliary
- Steering column — manual tilt/telescoping
- Traction control — engine only (DRW models)
- Instrumentation, multifunction switch message center with Ice Blue lighting, Outside temperature display
- Mirrors, Manual telescoping trailer tow with manual glass and 2-way fold
- AM/FM stereo/clock and 2 speakers
- Window, rear — fixed with solar glass
- 40 gallon fuel tank, aft-axle
- Brakes Power 4-wheel disc with Anti-Lock Braking System (ABS) (DRW)
- Maximum Payload 11,445 lbs.

## Plymouth County Commissioners Cooperative Procurement Specifications

### FORD F-550 TWO-WHEEL DRIVE DRW CHASSIS OPTIONS

CODE	DESCRIPTION	PRICE	CODE	DESCRIPTION	PRICE
<b>Series Code</b>			<b>68U</b>	19,000 Lb. GVWR Payload Upgrade, 60" CA Gas only	\$418.00
	Four Wheel Drive	\$3,995.00	<b>68M</b>	19,500 Lb. GVWR Payload Upgrade, All but 60" CA Gas	\$1,097.00
	SuperCab	\$2,578.00	<b>98G</b>	CNG/LPG GASEOUS FUEL PREP PACKAGE	\$299.00
	CrewCab	\$3,501.00	<b>41P</b>	SKID PLATES	\$95.00
	84" CA, Any Cab Style	\$166.00	<b>51Z</b>	SPARE TIRE WHEEL & JACK	\$333.00
	108" CA, Regular Cab Only	\$333.00	<b>213</b>	ELECTRONIC SHFT ON THE FLY FOUR WHEEL DRIVE	\$176.00
	120" CA, Regular Cab Only	\$499.00	<b>41H</b>	ENGINE BLOCK HEATER	\$71.00
<b>99T</b>	6.7 LITER POWER STROKE DIESEL ENGINE	\$7,724.00	<b>62R</b>	TRANSMISSION PTO PROVISION	\$266.00
<b>Various</b>			<b>63T</b>	ENGINE IDLE SHUT DOWN (DIESEL ONLY)	\$238.00
	LIMITED SLIP REAR AXLE	\$342.00	<b>98R</b>	OPERATOR COMANDED REGENERATION (DIESEL ONLY)	\$333.00
<b>TBH</b>	225/70RX19.5 BSW Traction Tires, Rear only	\$181.00	<b>67A</b>	DUAL ALTERNATORS, 357 AMP	\$361.00
<b>TGB</b>	225/70RX19.5 BSW Traction Tires, Front & Rear	\$204.00	<b>65M</b>	28 Gallon Mid Ship Fuel Tank	\$119.00
<b>96V</b>	XL VALUE PACKAGE	\$568.00	<b>65C</b>	Dual Fuel Tanks, 28 gallon mid ship & 40 Gallon rear	\$698.00
<b>96P</b>	XL APPEARANCE PACKAGE	\$846.00	<b>531</b>	Trailer Tow Package	\$147.00
<b>17F</b>	XL DÉCOR GROUP	\$147.00	<b>535</b>	High Capacity Trailer Tow Package	\$333.00
<b>90L</b>	POWER EQUIPMENT GROUP: POWER DOOR LOCKS, WINDOWS AND POWER HEATED MIRRORS: RC & SC	\$850.00	<b>52B</b>	TRAILER BRAKE CONTROLLER	\$257.00
<b>90L</b>	POWER EQUIPMENT GROUP: POWER DOOR LOCKS, WINDOWS AND POWER HEATED MIRRORS: CC	\$1,050.00	<b>54F</b>	POWERSCOPE POWER TELESCOPING, POWER FOLD-AWAY TRAILER TOW MIRRORS WITH POWER HEATED GLASS	\$157.00
<b>603A</b>	XLT TRIM LEVEL, RC & SC	\$3,492.00	<b>865</b>	Low Deflection Suspension Package	\$119.00
<b>603A</b>	XLT TRIM LEVEL, CC	\$3,857.00	<b>18B</b>	Black Molded running Boards, Regular & Super Cab	\$304.00
<b>96I</b>	XLT INTERIOR PACKAGE	\$755.00	<b>18B</b>	Black Molded Running Boards, Crew Cab	\$352.00
<b>RR</b>	Ruby Red Metallic Tinted Clearcoat Paint	NC	<b>76S</b>	REMOTE START SYSTEM	\$185.00
<b>SP101</b>	Factory Special Paint, Permanent Fleet Colors	\$549.00	<b>59H</b>	Center High Mounted Stop Lamp	NC
<b>473</b>	SNOW PLOW PREP PKG	\$81.00	<b>433</b>	MANUAL SLIDING REAR WINDOW	\$119.00
<b>67H</b>	Heavy Duty Service FRONT SUSPENSION	\$119.00	<b>435</b>	POWER SLIDING REAR WINDOW WITH DEFROST	\$385.00
<b>67X</b>	Extra Heavy Service Front Suspension	\$119.00			

continued →



# Plymouth County Commissioners Cooperative Procurement Specifications

## FORD F-550 TWO-WHEEL DRIVE DRW CHASSIS OPTIONS (CONTINUED)

CODE	DESCRIPTION	PRICE	CODE	DESCRIPTION	PRICE
41A	RAPID-HEAT SUPPLEMENTAL CAB HEATER	\$238.00	F5K/F5D	Commercial Stripper/Motorhome Chassis, 158" WB	\$(8,525.00)
91M	SYNC VOICE ACTIVATED COMMUNICATIONS	\$280.00	178	178" wheelbase, 16,000 Lb. GVWR	\$223.00
585	AM/FM SINGLE CD PLAYER	\$261.00	190	190" Wheelbase, 16,000 Lb. GVWR	\$451.00
62D	STEERING WHEEL AUDIO CONTROLS	\$67.00	208	208" Wheelbase, 18,000 Lb. GVWR	\$1,819.00
	40/20/40 CLOTH BENCH SEAT, RC & SC	\$95.00	228	228" Wheelbase, Motorhome only, 18,000 Lb. GVWR	\$2,038.00
	40/20/40 CLOTH BENCH SEAT, CC	\$299.00	242	242" Wheelbase, Motorhome only, 22,000 Lb. GVWR	\$4,646.00
	40/MINI CONSOLE/40 VINYL SEAT	\$337.00	252	252" wheelbase, Motorhome only, 24,000 Lb. GVWR	\$6,455.00
	40/MINI CONSOLE/40 CLOTH SEAT, RC & SC	\$489.00	20E	18,000 Lb. GVWR on 178/190 WB	\$1,140.00
	40/MINI CONSOLE/40 CLOTH SEAT, CC	\$584.00	20J	19,500 Lb. GVWR	\$1,140.00
	CLOTH CAPTAINS CHAIRS WITH CONSOLE (XLT ONLY)	\$850.00	20R	20,500 Lb. GVWR on 208/228 WB	\$1,159.00
572	AIR CONDITIONING DELETE	\$(680.00)	20S	22,000 Lb. GVWR on 208/228 WB	\$2,418.00
62M	ADJUSTABLE PEDALS (XLT ONLY)	\$114.00	20T	24,000 Lb. GVWR on 228" WB	\$3,943.00
166	CARPET DELETE (XLT ONLY)	\$(41.00)	20T	24,000 Lb. GVWR on 242" WB	\$1,568.00
165	All Weather Floor Mats, Regular Cab	\$57.00	20U	26,000 Lb. GVWR on 228" WB	\$5,577.00
165	All weather Floor Mats, SuperCab & Crew Cab	\$71.00	20U	26,000 Lb. GVWR on 242" WB	\$3,202.00
525	CRUISE CONTROL	\$223.00	20U	26,000 Lb. GVWR on 252" WB	\$1,634.00
926	SPEED LIMITATION, 65 MPH	\$76.00	59R	Delivery Ramp Prep Packagage	\$608.00
926	SPEED LIMITATION, 75 MPH	\$76.00	572	AC Prep Kit	\$371.00
87T	CREW CHIEF TELEMATICS	\$760.00	64W	19.5" Wheel Credit, req 22,000 Lb. GVWR	\$(720.00)
942	DAYTIME RUNNING LAMPS	\$43.00	674	HD Suspension Package, Motor Home with 16,000 Lb. GVWR	\$119.00
945	Stainless Steel Wheel Covers, DRW only	\$390.00	68R	Front GAWR increase to 7,500 Lb. with 20,500	\$48.00
61S	SPLASH GUARDS, FRONT	\$71.00	512	Spare Tire & Wheel, Motorhome only	\$233.00
47A	Ambulance Prep Package	\$1,145.00			
47J	Fire rescue Prep Package	\$1,145.00			
76C	EXTERIOR BACK UP ALARM	\$119.00			
				<b>Ford Extended Service Plans: Discount from MSRP</b>	<b>20%</b>
				<b>Ford Factory Options: Discount from MSRP</b>	<b>5%</b>

**CAB & CHASSIS**



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2019 - FY2023

Date submitted: 10/18/17

Date of Last Edit:

Project Number:	2020-49-04		
Project Title:			
Category:	Excavator		
Department:	Public Grounds	Contact:	
Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Description:

Provide project description, including an overview of its timeline, location(s), stakeholders, cost drivers, supporting detail, and expected useful life.

Replace Excator  
Timeline July 1, 2020  
Location 68 Capt Peirce Road

Benefits of Project and Impact if Not Completed:

Highlight project benefits, including efficiencies created, service enhancements, and cost savings. Also describe any short- and long-term consequences of not funding the project.

Excavator is used for cleaning culverts and trench work. Benefits would be using less contractors for digging in tight digging areas

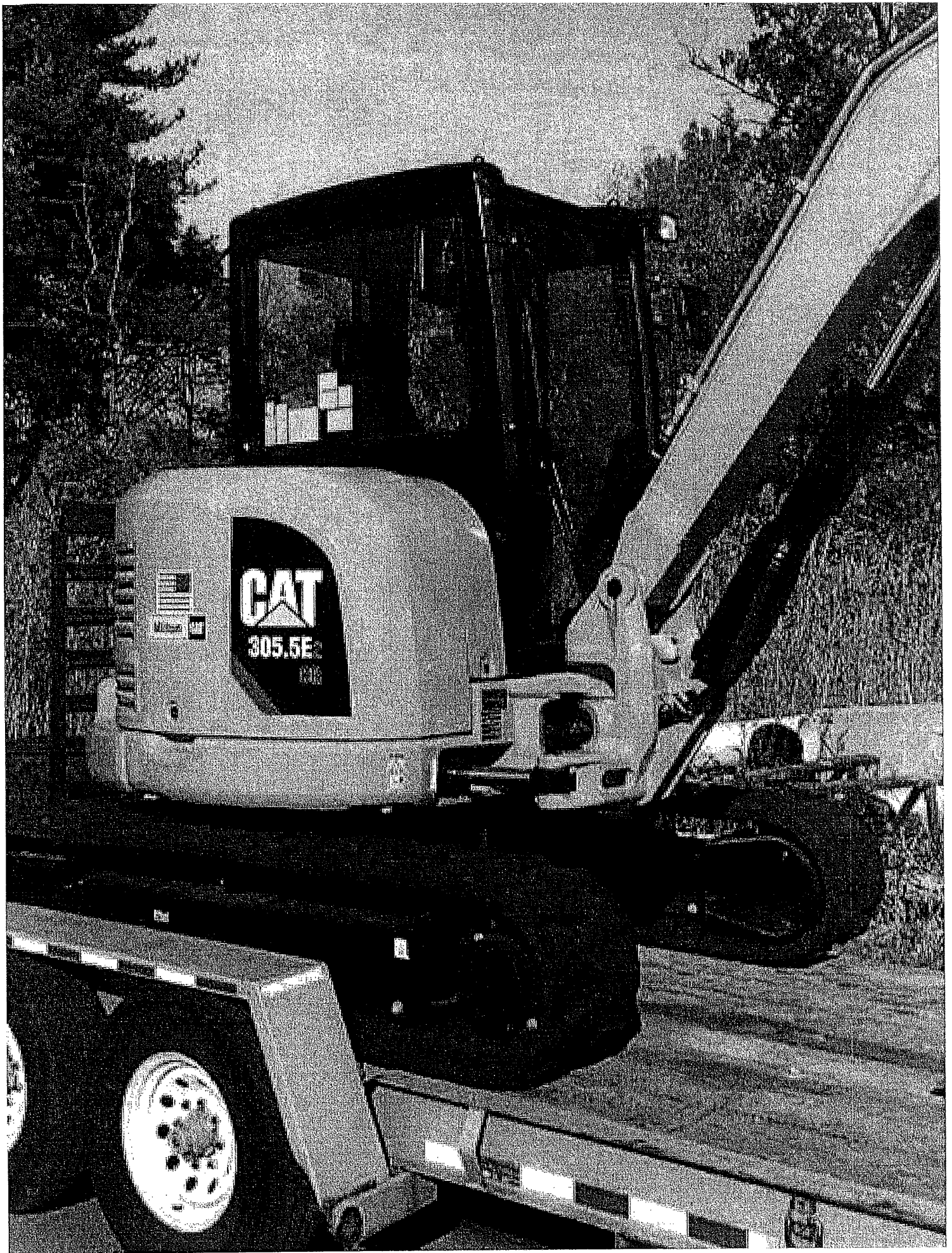
Discuss Operating Budget Impact:

Explain the project's short- and long-term impacts on the community's operating budget.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2018	FY2019	FY2020	FY2021	FY2022	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$65,000			\$65,000			<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$65,000	\$0	\$0	\$65,000	\$0	\$0	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0						CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0						
Net of CPA and Grants	\$65,000	\$0	\$0	\$65,000	\$0	\$0	
Operating Budget Impact							
During Project	\$0						<input type="checkbox"/> Open Space
Post-Project Annual							<input type="checkbox"/> Recreation
Post-Project One-time	\$0						<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing



# Milton



**Massachusetts & RI Locations:**

100 Quarry Dr. 84 Concord St.  
Milford, Ma. 01757 N. Reading, Ma. 01864

14 Kendrick Rd., Rte 28 2158 Plainfield Pike  
Wareham, Ma. 02571 Cranston, RI. 02920

**Southworth-Milton, Inc.**  
www.miltoncat.com

## Budget Quotation

DATE: October 23, 2017

**Town of Scituate DPW**  
600 Chief Justice Cushing Hwy  
Scituate, Ma. 02066  
Kevin Cafferty

**State Contract:** FAC88

Qty	Description	List Price	State Contract Price
1	New 2017 Cat 305.5E2 excavator with: Deluxe Cab with heat and AC, Radio Long stick, Manual quick coupler, hydraulic thumb 24" Heavy Duty digging bucket Roof mount beacon, mirrors, travel alarm. Rubber belt undercarriage, pattern control changer 3yr 1000 hour full warranty, Delivery and training	\$ 96,900.00	\$ 63,900.00

**Total State Contract Delivered Price: \$ 63,900.00**

**Tom Benedetti Jr**

*Governmental and State Sales*

Mobile Phone: 774-258-1636

Fax: 774-907-3062

tom\_benedetti@miltoncat.com



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/20/18

Date of Last Edit:

Project Number:	2020-429-10	
Project Title:	Road Sidewalk	
Category:	Construction-walkway improvement at Town Hall	
Department:	Grounds	Contact: Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

**Description:**

*Sidewalk Replacement at Town Hall*

**Benefits of Project and Impact if Not Completed:**

*Sidewalk is in need of repair and is heavily traveled.*

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$35,000	\$35,000				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



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On behalf of the members of the  
South Shore Regional Services Consortium

---

SS 2018 PW1  
Public Works Services

Sidewalks  
Item 14

Tasco Construction

Contract

# SS 2018 PW1 - Bid Price Form

Bidder Name: Tasco Construction, Inc

Bidder Initials: GT

Bid Item	Estimated Quantity	x	Bid Price	/ Unit	=	Total
<b>Sidewalk Construction, Reconstruction, and Repair</b>						
<b>Sidewalk Construction, Reconstruction, and Resurfacing</b>						<b>Bid Total = \$2,246,503.01</b>
1) Cape Cod Berm	1,700	x	8.00	/LF	=	\$ 13,600.00
2) Granite Curb - Straight [Supply and Set]	9,950	x	38.00	/LF	=	\$ 378,100.00
Granite Curb - Straight [Set Only]	100	x	22.00	/LF	=	\$ 2,200.00
Granite Curb - Radius [Supply and Set]	1,650	x	47.00	/LF	=	\$ 77,550.00
Granite Curb - Radius [Set Only]	50	x	22.00	/LF	=	\$ 1,100.00
3) Pre-Cast Concrete Curb - Straight [Set Only]	100	x	22.00	/LF	=	\$ 2,200.00
Pre-Cast Concrete Curb - Radius [Set Only]	25	x	22.00	/LF	=	\$ 550.00
4) Adjust/Reset Curbing	2,200	x	22.00	/LF	=	\$ 48,400.00
5) Bituminous Concrete Sidewalk - New Construction	6,500	x	63.00	/SY	=	\$ 409,500.00
[Site Prep by Town]	As Needed	x	63.00	/SY	=	
6) Bituminous Concrete Sidewalk - Reconstruction	7,575	x	63.00	/SY	=	\$ 477,225.00
[Site Prep by Town]	100	x	35.00	/SY	=	\$ 3,500.00
Gravel	1,600	x	0.01	/CY	=	\$ 16.00
7) Bituminous Concrete Sidewalk and Driveway Apron - Resurfacing	1,800	x	63.00	/SY	=	\$ 113,400.00
[Site Prep by Town]	As Needed	x	63.00	/SY	=	
8) Cement Concrete Sidewalk - New Construction	3,600	x	77.00	/SY	=	\$ 277,200.00
Cement Concrete Sidewalk - Reconstruction	As Needed	x	77.00	/SY	=	\$ 0.00
9) Cement Concrete Wheelchair Ramps - New Construction	1,440	x	112.00	/SY	=	\$ 161,280.00
Cement Concrete Wheelchair Ramps - Reconstruction	As Needed	x	112.00	/SY	=	
10) Sawcutting	13,000	x	0.01	/LF	=	\$ 130.00
11) Handicap Ramp Tactile Strips	75	x	125.00	/EA	=	\$ 9,375.00
12) Loam & Hydro-Seed [4" Depth]	8,900	x	0.01	/SY	=	\$ 89.00
13) Adjust Service Box	101	x	0.01	/EA	=	\$ 1.01
14) Replace Service Box	21	x	100.00	/EA	=	\$ 2,100.00
15) Adjust Manhole Catch Basin Frames	90	x	260.00	/EA	=	\$ 23,400.00
16) Rebuild Manhole and Catch Basin Frames	15	x	260.00	/EA	=	\$ 3,900.00
17) Reset or Replace Brick or Stone Walkway	1,030	x	46.00	/SY	=	\$ 47,380.00
18) Catch Basin Installed	8	x	4,000.00	/EA	=	\$ 32,000.00
19) Gutter Inlet Installed	6	x	2,500.00	/EA	=	\$ 15,000.00
20) Ductile Iron Drainpipe	50	x	60.00	/LF	=	\$ 3,000.00
21) 4 inch PVC Pipe for Drainage	420	x	35.00	/LF	=	\$ 14,700.00
22) Unclassified Excavation	1,600	x	0.01	/CY	=	\$ 16.00
23) Hot Mix Asphalt for Patching	250	x	175.00	/TN	=	\$ 43,750.00
24) Traffic Controls/Safety Signing						
Traffic Controls/Safety Signing	100	x	0.01	/SF	=	\$ 1.00
ReflectORIZED Drums with Flashers [Type A] - Drum Day	620	x	1.00	/DY	=	\$ 620.00
ReflectORIZED Drums without Flashers - Drum Day	2,320	x	1.00	/DY	=	\$ 2,320.00

# SS 2018 PW1 - Bid Price Form

Bidder Name: Tasco Construction, Inc  
 Bidder Initials: GT

Bid Item	Estimated Quantity	x	Bid Price / Unit	=	Total
Traffic Cones	200	x	1.00 /DY	=	\$ 200.00
25) Pre-Paving Sweeping					
Disposal by Town	As Needed	x	300.00 /HR		
Disposal by Contractor	As Needed	x	300.00 /TN		
26) Equipment Rental					
Gradall	140	x	225.00 /HR	=	\$ 31,500.00
Grader	140	x	225.00 /HR	=	\$ 31,500.00
Tandom 10-Ton Roller	10	x	225.00 /HR	=	\$ 2,250.00
10-Ton Vibrator Roller	10	x	225.00 /HR	=	\$ 2,250.00
10 Wheel Dump Truck	140	x	100.00 /HR	=	\$ 14,000.00
Trailer	10	x	120.00 /HR	=	\$ 1,200.00





TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: 10/18/17

Date of Last Edit:

Project Number:	2020-429-01		
Project Title:	Cemetery Maintenance Database/Program		
Category:	Equipment		
Department:	Grounds	Contact:	Mike Breen/Kevin Cafferty

Department Priority:

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

Description:

Cemetery Maintenance Database program would allow easy access and data tracking for Union Cemetery and Cudworth Cemetery.

Benefits of Project and Impact if Not Completed:

The would allow an accurate listing of all souls buried at these two Town Cemetery. This would also allow the town to have current technology applied for cemetery maintenance and tracking.

Discuss Operating Budget Impact:

Explain the project's short- and long-term impacts on the community's operating budget.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		FY2020	FY2021	FY2022	FY2023	FY2024	<input checked="" type="checkbox"/> Tax Levy	<input type="checkbox"/> Debt
Study/Design	\$0						<input type="checkbox"/> Enterprise Retained Earnings	<input type="checkbox"/> Capital Stabilization
Land Acquisition	\$0						<input checked="" type="checkbox"/> Free Cash	<input type="checkbox"/> Revolving Fund
Construction	\$30,000	\$30,000					<input type="checkbox"/> CPA	<input type="checkbox"/> Grant(s) or Other
Equipment/Furnishings	\$0							
Contingency	\$0							
Other	\$0							
<b>TOTAL</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

		CPA Purpose(s) Check all that apply				
Grant Amount Requested	\$0					<input type="checkbox"/> Open Space
CPA Amount Requested	\$0					<input type="checkbox"/> Recreation
Net of CPA and Grants	\$30,000	\$30,000	\$0	\$0	\$0	<input type="checkbox"/> Historical
						<input type="checkbox"/> Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

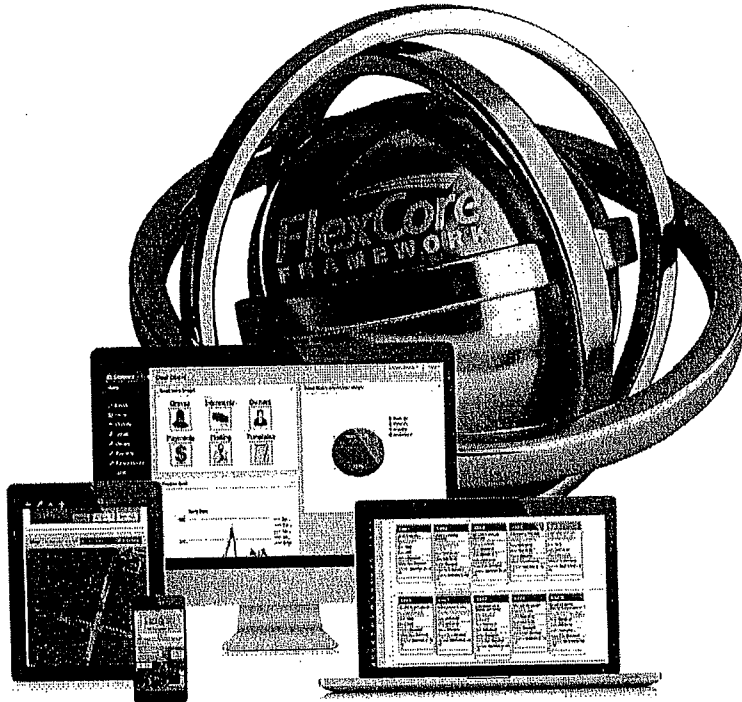
# CemSites

Affordable Technology for Cemeteries

Proposal

*does not include  
data migration.*

*ETran*



# Why choose us?

We are a fresh, forward-thinking company established in 2012 near Pittsburgh, Pennsylvania. We invested years perfecting our cemetery-focused customer relationship management software and its framework. Our team initially released trial versions to numerous cemeteries and analyzed their needs so that our software has all of the core functionality and adaptability needed for cemeteries of various sizes.

Our mission is to bring the time and money-saving benefits of modern technology to every cemetery organization within a reasonable budget. Our philosophy embraces the values of heritage and perpetual care – the same values that every community should expect from their local cemetery.

Our company structure allows us to be flexible enough to quickly implement new technology without being hindered by red tape. With our innovative Secure CRM and software add-ons, cemetery staff can visualize and organize records like never before.



## CUSTOMIZABLE PRODUCTS

FlexCore Framework, the platform that we use to build CemSites products, allows us to rapidly deploy custom database applications. Our team invested years in perfecting this tool to provide you with a completely customizable system which uses your cemetery hierarchy and processes to do business without including unwanted features. Even though our products are tailored to fit your needs, FlexCore Framework keeps them up-to-date with the latest discoveries and implements advances globally.



## SECURITY

All data in Secure CRM on FlexCore Framework is stored on servers that are protected by armed guards 24/7/365. CemSites software is both PCI and HIPAA compliant and is protected by the same security standards used by world governments and financial institutions. Data is stored in multiple locations, backed up daily and retrievable for up to 30 days; it is even downloadable if you would like to retain it yourself.



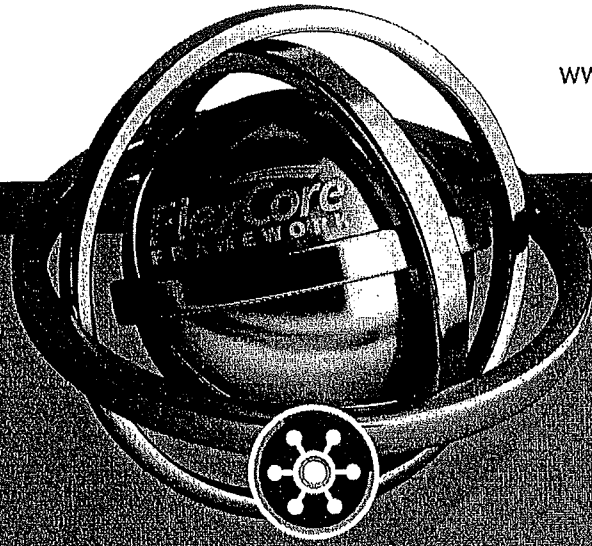
## WEB-BASED TECHNOLOGY

A web-based system from CemSites offers many advantages over box software. CemSites software is not device-dependent; it can be accessed from any device at any location. There is no need to worry about changes in computer operating systems making our software incompatible or about computer failures ruining your data.



## TRAINING AND SUPPORT

We personally train your team to use our software and assign an account manager that you may call for technical assistance. We promise to get back to your questions within 24 hours.



## SECURE CRM

Cemetery Record Management Software

Secure CRM is all you need to start managing your cemetery with CemSites, but be sure to check out our add-ons for even more features.

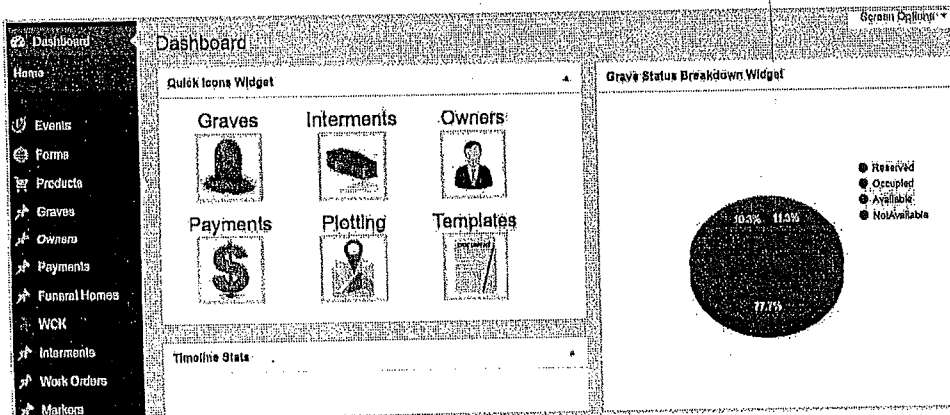
Secure CRM is our powerful, completely customizable web-based cemetery record management software that is built on FlexCore Framework. It is user-friendly and intuitive while maintaining robust computing, searching and plotting options to most effectively manage data.

### HOW IT PAYS OFF

Secure CRM was given its name for a reason: All data stored in Secure CRM on FlexCore Framework is protected by the same security standards used by world governments and financial institutions. Because Secure CRM is web-based and always up-to-date, having outdated software will no longer be a concern. As opposed to the months or years of setup for most software on the market today, CemSites software can be up and running within weeks with the promise and commitment of our staff.

### FEATURES

- User-based dashboard with critical support metric oversight
- Grave and owner management
- Work order management
- Funeral home management
- Document management
- Field highlighting
- Data migration
- Disaster prevention
- Permission-based roles
- Offline and private network installs
- Quick implementation



"I would highly recommend CemSites; they've been able to increase our revenues and have made my job much easier."

- CINDY FISHER  
Office Manager,  
Round Hill Cemetery

**ADD-ONS**  
 Modules to complement Secure CRM

Add-ons provide you with the ability to pick the tools you want, so you are only paying for what you'll use.

## Stay organized and informed



### AR FINANCE MODULE

The AR Finance Module provides an efficient and reliable way to streamline your cemetery's entire receivables process and export data to other software. With extensive financial information at your fingertips, your cemetery can make more accurate business decisions.



### INVENTORY MANAGER

Keep track of monuments, benches, and other sellable items right in Secure CRM — no double data entry necessary! This add-on works seamlessly with our other add-ons to provide an integrated and automated sales system built to fit cemeteries' operations.



### DOC PRINTING MODULE

The Doc Printing Module saves time by automating the document workflow. Eliminate the need for handwriting and never deal with double entry by printing autopopulated templates for deed transfers, interments and obituaries.



### MULTI-LOCATION MODULE

This tool provides an oversight view of all cemeteries at once for administrators that handle multiple locations. With the data gleaned from the Multi-Location Module, decision makers can make well-informed choices, and cemetery staff can be coached appropriately so that all cemetery locations can work together in the most efficient way possible.



### CUSTOM SOLUTIONS

Don't see the module you need? Ask and we will build it for you. Thanks to our advanced FlexCore Framework, we can create custom management software solutions to fit all cemetery-related organizations, such as combination cemeteries with funeral homes or pet cemeteries.

## Reach out and build profit



### WEBSITE INTEGRATION

Showcase your cemetery online with autopopulated data from Secure CRM. Sell products and services, publish records, announce arrangements and more. Our team can create a website from scratch or integrate with an existing site.



### KEEPSAFE FAMILY LEGACIES

The KeepSafe Family Legacies add-on provides online pages that clients can purchase to add and display biographical information about both living and deceased loved ones. The legacy pages act like an online safety deposit box for future generations, full of information from clients who create their own autobiography or add to their loved ones' legacies.



### REVENUE PLUS

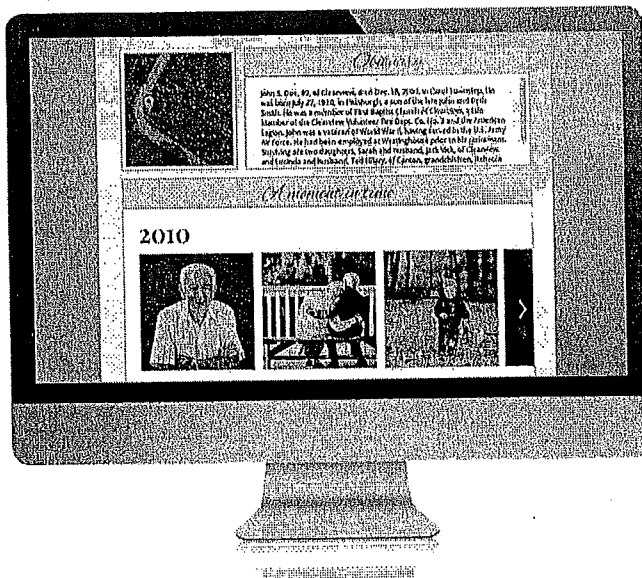
Drive new revenue streams by selling any product or service directly from your website, even if sales are sub-contracted through local or national vendors. The module also includes a drip marketing tool, allowing you to engage the community and expand opportunities.



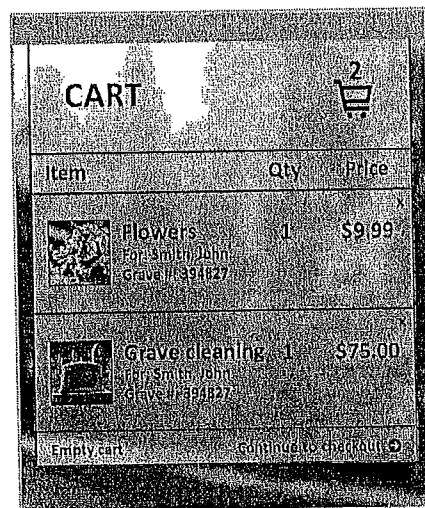
### SALES MODULE

The Sales Module is a tool that keeps track of customers and aids in the development and organization of prospects, leads and sales and gives you the power to grow your pipeline. Spend more time selling instead of fretting over sales processes.

KeepSafe Family Legacies



Revenue Plus



## Visualize your cemetery



### GRAVE MAPPING

The Grave Mapping add-on allows cemeteries to plot and display the location of graves within an intuitive interface. With Walk-to-Site mobile navigation, visitors and staff members can quickly find graves without assistance.



### CEMVISION360

Interactive, 360-degree mapping of cemeteries allows grounds to be explored without the long walk or having to brave inclement weather. Staff can use CemVision360 to give tours to customers without leaving the office, and the public can use this tool to virtually visit graves from the comfort of their homes.



### VISUAL LOT VIEWER

The Visual Lot Viewer digitally represents entire cemeteries' layouts, providing a way to visually connect burial, grave, owner and marker information with physical location. Find available graves right from the lot and edit record information on the fly.



### MAP PRINTING MODULE

Search and print cemetery maps by section or lot to use as a reference tool for both visitors and grounds crew. Never deal with highlighting outdated maps again!



### MARKER MANAGER

Save time by viewing the markers that exist in a lot in a simple, organized view. Marker Manager's ability to keep track of marker information makes it a great auditing tool. Plus, create great upselling opportunities by running reports on graves without markers.



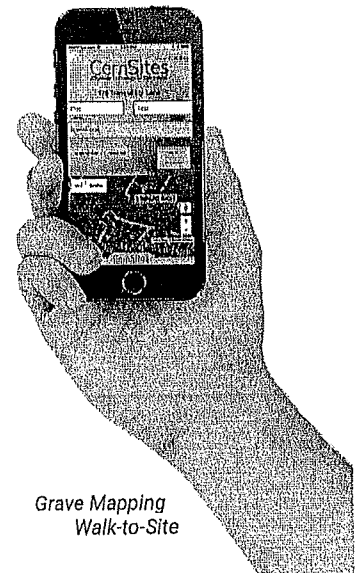
### OBSTRUCTION MANAGER

Create layered maps to mark the locations of trees, benches, buildings and other obstructions in relation to graves. This add-on can assist in making better groundskeeping decisions and aid staff by helping them pinpoint areas in need of maintenance.



### MAUSOLEUM MAPPING

The Mausoleum Mapping add-on visually connects niches and owner record information within Secure CRM to its physical location. Use the face view and section photograph features to "walk through" niche location options with potential customers without leaving the office.



Grave Mapping  
Walk-to-Site

"I've been coming to the cemetery since the passing of my father in 1976. The Walk-to-Site technology allows me to use my smartphone to track my steps right to the gravesite."

— RICK MAZE  
Cemetery customer



**Quote**  
August 30, 2016

**CEMSITES**  
4256 State Route 51 North  
Suite 102  
Belle Vernon, Pennsylvania 15012  
United States  
(724) 906-4441

**QUOTE #**  
000614  
**BILLED TO PAULA BARRY**  
600 Chief Justice  
Cushing Hwy  
Scituate, MA 2066  
United States

PRODUCT	QUANTITY	TOTAL
<b>Secure CRM</b> <i>Completely customizable web-based cemetery records management software that is built on FlexCore Framework. It is user-friendly and intuitive while maintaining robust computing and advanced searching options effectively automate your workflow process</i>	1	\$2,500.00
<b>Mapping Lot Level</b> <i>Mapping allows cemeteries to plot and display the location of graves.</i>	1	\$2,500.00
<b>Mapping License</b> <i>Annual License.</i>	1	\$500.00
<b>Marker Manager</b> <i>Save time by viewing the markers that exist in a lot in a simple, organized view. Plus, create great up-selling opportunities by running reports on graves without markers.</i>	1	\$0.00
<b>Visual Lot Viewer</b> <i>Visually connect burial, grave, owner and marker information with its physical location and find available graves right from the lot.</i>	1	\$0.00
<b>Document Automation</b> <i>Print auto-populated templates for deed transfers, interments and work-orders. Save time and money by reducing double-entry. (includes up to 3 documents)</i>	1	\$1,200.00
<b>Website Integration</b>	1	\$1,000.00



*This one page integration is made to emulate your existing website and work seamlessly from the public perspective. It allows you to post upcoming burials, recent interments and search for grave locations. Auto-populated data from Secure CRM.*

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<b>Website Hosting</b>	1	\$480.00
<i>Annual License.</i>		

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<b>Secure CRM License</b>	1	\$900.00
<i>Annual License.</i>		

TOTAL \$9,080.00



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/20/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-429-11		
Project Title:	MultiHog		
Category:	Equipment		
Department:	Grounds	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New          Recurring          Resubmission   

Multiyear          Phase \_\_\_ of \_\_\_

**Description:**

New Multihog for Roadside brush cutting and sidewalk sweeping and maintenance. Also used in snow removal for sidewalks - plows and snow blows

**Benefits of Project and Impact if Not Completed:**

*with this new addition it would cut the current time in half to clear snow from all sidewalks, currently it takes 90-100 hours to clear all sidewalks. This machine will also be applying infield mix to ball fields, aide in beach entrance clean up, and assists in tree cleanup/removal.*

**Discuss Operating Budget Impact:**

*The request is for \$142,000 to the 2020 capital.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$142,000	\$142,000				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$142,000</b>	<b>\$142,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$142,000</b>	<b>\$142,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**EQUIPMENT EAST, LLC**  
**61 Silva Lane, Dracut, MA 01826**  
**Office: 978-454-3320**

**Date: September 19, 2018**

**QUOTATION**

**Town of Scituate, MA - Department of Public Works**  
**600 Chief Justice Cushing Highway, Scituate, MA 02066**

*We are pleased to offer the following sidewalk tractor and attachments for consideration:*

**One (1) Multihog Model CX75 Sidewalk tractor**

- Standard Features Include:** 75 HP (56 KW), Tier 4 final engine  
 Cab heating, air-suspended driver seat and top-mounted road lights  
 Permanent 4 wheel drive with positive drive lock  
 Front 3 point linkage including mechanical adjustment of linkage rotation and float  
 Joystick with front linkage lift function including float and a second double acting (DA) hydraulic function to front  
 13 pin socket on front  
 3500 kg (7,716 lbs) gross vehicle weight  
 Manually adjustable heated mirrors & rotating beacon  
 Mechanical top link, tipping rear & cab tilt  
 Standard orange RAL2011 panels for CX 75  
 Front Mechanical PTO 1000 RPM, 1 3/8", 6 tooth spline shaft (clockwise rotation)  
 Viscous fan  
 0-100 L/M (0-26.4 gpm) to front  
 100 litre (26.4 gal) tee connection from front to rear  
 2 x DA valves to front (3 x DA total) and 1 x DA valve to rear (1 x DA rear total)  
 4 x DA lever valve block with float required for hydraulic tipping rear, hydraulic rotation of front linkage and triplex mower wings  
 Hydraulic tipping rear  
 Hydraulic rotation with radial floatation of front linkage  
 Hydraulic top link  
 Hydraulic cab tilt  
 Combined cab heating & air conditioning  
 Heated seat- heated base and back support  
 Heated windscreen  
 2 LED worklights (front)  
 2 LED worklights (rear)  
 LED amber flasher lights  
 Reversing camera  
 High temperature water hose running rear to front  
 mud guards  
 BFG All Terrain LT225/75/16 tyres with narrow mudguards  
*Machine width 1235 mm (48.6")*  
 BKT Trac Master 31x15.5x15 tyres with wide mudguards  
*Machine width 1560 mm (61.4")*  
 Plus extra windshields (3)  
 Plus roof and lights guard  
 Plus spare rim & tire

<b>MACHINE SELLING PRICE</b>	<b>\$ 99,288.14</b>
------------------------------	---------------------

**ATTACHMENTS**

- |   |              |
|---|--------------|
| Ducker - Una boom flail mower                           | \$ 20,430.59 |
| Metec folding V-plow, extendible to 59" wide            | \$ 8,511.32  |
| Metec dual auger box plow (50" w. x 40" cutting height) | \$ 9,030.00  |

<b>MACHINE SELLING PRICE INCLUDING THE ABOVE ATTACHMENTS</b>	<b>\$ 137,260.05</b>
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Add'l 1000  
 Lights 1000  
 \$ 142,000

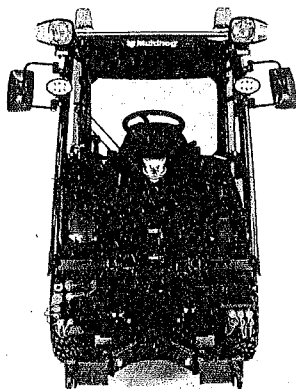
Thank you for this opportunity to quote the Multihog sidewalk tractor with the above choice of attachments. We look forward to being of service to you.

*Cyndi Mills, Municipal Division*  
 Cell: 978-404-2818



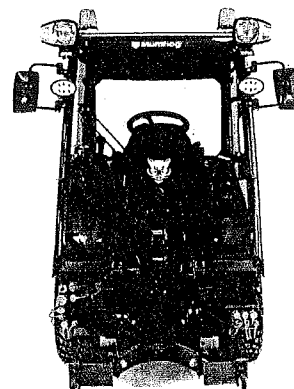
# Multihog®

## One Machine - One Driver - Endless Applications



CX 55 SPECIFICATION

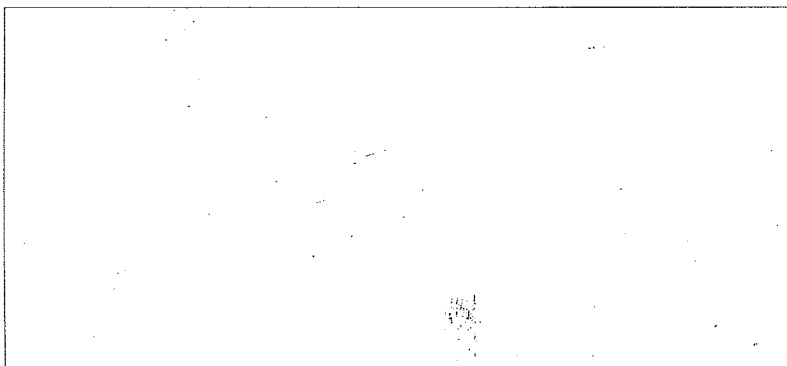
- ◆ Engine: Kohler, 55 hp (1.9 litre)
- ◆ Emissions class: Tier 4 final
- ◆ Length: 3490 mm (137.4 in)
- ◆ Width: 1150 - 1560 mm (45 - 61.5 in)
- ◆ Height: 1980 - 2040 mm (78 - 80 in)
- ◆ Wheelbase: 1710 mm (67 in)
- ◆ Unladen weight: 1950 - 2300 kg (4299 - 5071 lb)
- ◆ Axle capacity, front: 2300 kg (5071 lb)
- ◆ Axle capacity, rear: 2500 kg (5512 lb)
- ◆ Gross vehicle weight: 3500 kg (7716 lb)
- ◆ Outer turning radius: 2663 - 2863 mm (105 - 113 in)
- ◆ Maximum speed: 40 km/h (25 mph)
- ◆ Load-sensing PTO hydraulics front & rear, with optional front mechanical PTO
- ◆ Hydraulic flow up to 100 litres (26.4 gal), operating pressure up to 220 bar (3190 psi)



CX 55 L / CX 75 SPECIFICATION

- ◆ Engine: Kohler, 55/75 hp (1.9/2.5 litre)
- ◆ Emissions class: Tier 4 final
- ◆ Length: 3680 mm (145 in)
- ◆ Width: 1150 - 1560 mm (45 - 61.5 in)
- ◆ Height: 1980 - 2040 mm (78 - 80 in)
- ◆ Wheelbase: 1900 mm (75 in)
- ◆ Unladen weight: 2200 - 2500 kg (4850 - 5512 lb)
- ◆ Axle capacity, front: 2500 kg (5,512 lb)
- ◆ Axle capacity, rear: 2500 kg (5,512 lb)
- ◆ Gross vehicle weight: 3500 - 4000 kg (7716 - 8818 lb)
- ◆ Outer turning radius: 2938 - 3134 mm (115 - 123 in)
- ◆ Maximum speed: 40 km/h (25 mph)
- ◆ Load-sensing PTO hydraulics front & rear, with optional front mechanical PTO
- ◆ Hydraulic flow up to 100 litres (26.4 gal), operating pressure up to 220 bar (3190 psi)

Your local authorised dealer is:



🏠 Multihog Global Headquarters,  
Finnabair Business Park, Dundalk, Co. Louth, Ireland.

✉ info@multihog.com

☎ +353 42 9386738

🌐 www.multihog.com



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2018 - FY2022

Date submitted: 11.11.16

Date of Last Edit: \_\_\_\_\_

Project Title:	2020-429-05 Truck 2-B, Medium Duty Truck		
Category:	Equipment		
Department:	Grounds	Contact:	Mike Breen/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project Is: New  Recurring  Resubmission

Multyear  Phase \_\_\_ of \_\_\_

**Description:**

Replace the 2005 Chevy 3500 truck with a new Medium Duty Truck.

The expected useful life of a Medium Duty Truck varies depending on the activities that the machine is used for. The average lifespan for an average medium duty truck is 5 to 8 years according to the MN State DOT recommended guidelines. The current truck has been in service for 12 years.

All of the tasks this truck is used for are under harsh conditions in either storm work where there is influence of salt water or loaded with salt in general for the sanding operations. This truck is used also to support highway Division in various road projects and repairs and used to tow hot topping machine.

**Benefits of Project and Impact if Not Completed:**

The existing 2-B truck is used but is starting to show it's age. The cab and frame are rusted and it is coming to the end of it's life cycle.

The truck must be replaced because it handles a plow and has a salting route and is used for day to day activity. If this truck is not replaced the Town will become more dependent on outside contractors at a greater cost and less reliability.

**Discuss Operating Budget Impact:**

The new truck will be an impact of \$65,000 to the 2019 capital.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2018	FY2019	FY2020	FY2021	FY2022	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$65,000		\$65,000				<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$65,000	\$0	\$65,000	\$0	\$0	\$0	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$65,000	\$0	\$65,000	\$0	\$0	\$0

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

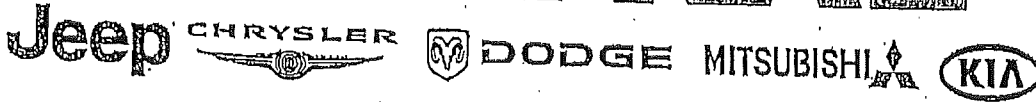
Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

# CENTRAL



Shipping 10.10.16 - schedule

June 21, 2016

Mr. Kevin Cafferty  
Town of Scituate Department of Public Works  
Highway Department  
68 Captain Pierce Road  
Scituate, MA 02066

Mr. Cafferty,

Attached please find a quote specification page for a 2017 Dodge Ram 5500 Regular Cab Chassis 4X4 with a 6.7 Diesel Automatic Transmission in True Blue which is based on a factory order. Order to dealer delivery should be approximately 120 Days.

Plymouth County Bid Price: \$46,228.00

JC Madigan 9 Foot Dump \$ 7,695.00 - Also see options listed for Dump Body - add as desired.

BID PRICE \$53,923.00  
Plus Reg Sticker & Delivery \$ 369.00 if desired.

\$54,292	Truck
6,500	Plow
<hr/>	
60,792	
x 1.05	Price Escalation
<hr/>	
\$63,831	

Should you need any further information, please let me know.

Sincerely,

Deborah Emery  
Fleet Manager

Total Cost ~ \$65,000.00

Central Chrysler Jeep Dodge & Kia  
Providence Hwy - 70 Providence Hwy  
Norwood, MA 02062  
781-762-2200 - 781-762-8100



Central Chrysler Jeep Dodge & Mitsubishi  
191 US Route 44  
Raynham, MA 02767 ✓  
508-823-0101

CENTRAL CHRYSLER DODGE JEEP RAM OF  
 191 NEW STATE HWY  
 RAYNHAM, MA 027675445

Configuration Preview

Date Printed: 2016-06-23 9:46 AM  
 Estimated Ship Date: VIN:  
 VON:

Quantity: 1  
 Status: BA - Pending order  
 FAN 1: 006MN PLYMOUTH COUNTY  
 SHERIFF'S DEPT  
 FAN 2:  
 Client Code:  
 Bid Number: TB7068  
 PO Number:

Sold to:  
 CENTRAL CHRYSLER DODGE JEEP RAM OF  
 RAYNHAM (44798)  
 191 NEW STATE HWY  
 RAYNHAM, MA 027675445

Ship to:  
 CENTRAL CHRYSLER DODGE JEEP RAM OF RAYNHAM (44798)  
 191 NEW STATE HWY  
 RAYNHAM, MA 027675445

Vehicle:

2017 5500 REG CAB CHASSIS 4X4 (144.5 In WB - CA of 80 In) (DP0L63)

Model:	Sales Code	Description	MSRP(USD)
Package:	DP0L63	5500 REG CAB CHASSIS 4X4 (144.5 In WB - CA of 80 In)	40,795
	29A	Customer Preferred Package 29A	0
	ETK	6.7L I6 Cummins Turbo Diesel Engine	7,400
Paint/Seat/Trim:	DF2	6-Spd Auto Aisin AS69RC, HD Trans	1,600
	PBU	True Blue Pearl Coat	0
	APA	Monotone Paint	0
	*SX	Work Grade Vinyl 40/20/40 Bench Seat	0
Options:	-X8	Black/Diesel Gray	225
	XXS	Upfitter Electronic Module (VSIIM)	0
	LBN	Power Take Off Prep	245
	AMP	Chrome Appearance Group	295
	4DH	Prepald Holdback	155
	LNJ	Fog Lamps	0
	4ES	Delivery Allowance Credit	140
	ADE	Cold Weather Group	0
	MAF	Fleet Purchase Incentive	125
	AJH	Power and Remote Entry Group	0
	MRT	Chrome Tubular Side Steps	850
	DK3	Elec Shift-On-The-Fly Transfer Case	350
	MJB	Chrome Bodyside Molding	270
	ACL	DOT Certified Roadside Safety Kit	100
	TBB	Full Size Spare Tire	150
	AHD	Heavy Duty Snow Plow Prep Group	360
	XHC	Trailer Brake Control	250
	6N6	Easy Order	295
	4FM	Fleet Option Editor	0
	4FT	Fleet Sales Order	0
	132	Zone 32-New York	0
Non Equipment:	4EA	Sold Vehicle	0
Bid Number:	4FA	Special Bid-Ineligible For Incentive	0
Destination Fees:	TB7068	Government Incentives	0
			1,195
		<b>Total Price:</b>	<b>64,790</b>

Note: This is not an invoice. The prices and equipment shown on this priced order confirmation are tentative and subject to change or correction without prior notice. No claims against the content listed or prices quoted will be accepted. Refer to the vehicle invoice for final vehicle content and pricing. Orders are accepted only when the vehicle is shipped by the factory.

J.C. MADIGAN INC.  
450 OLD UNION TURNPIKE  
LANCASTER, MA.

SALES DEPT.  
TEL.(978)847-2900  
FAX(978)847-0068

QUOTE :TOWN OF SCITUATE HWY. DEPT.

TO DEBBIE @ CENTRAL DODGE

FROM JOHN DWYER

1) 9 FT 3 TO 4 CU YD 10 GAUGE STEEL DUMP BODY WITH  
STRUCTURAL STEEL 12" ON CENTER CROSSMEMBERS AIR-FLO  
PRO-CLASS SERIES MOUNTED ON TOWN SUPPLIED CHASSIS  
UNDERCOATED AND PAINTED ONE COLOR WITH THE  
FOLLOWING ITEMS.

- A) 24" STEEL CABSHIELD W/ MESH SCREEN WINDOW
- B) PIONEER MANUAL TARPING SYSTEM
- C) AIR-FLO UNDERBODY HOIST ASSEMBLY
- D) ELECTRIC/HYDRAULICS W/ IN-CAB CONTROLS
- E) FRONT & REAR FLAPS @ REAR WHEELS / BACKUP & LIFT ALARMS
- F) SNAP-LATCH TAILGATE CLOSING MECHANISM

OPTIONS:

- 1) 30" STAINLESS BAWER TOOLBOX INSTALLED ADD \$650.00
- 2) PINTLE ASSEMBLY ADD \$550.00
- 3) REAR CORNER POST RECESSED FLASHERS ADD \$600.00

APPROVAL \_\_\_\_\_

DATE \_\_\_\_\_

PO# \_\_\_\_\_

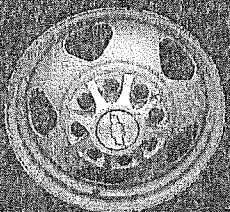


2-8



TOWN OF SCHUYLKILL  
DEPARTMENT OF PUBLIC WORKS  
PUBLIC GROUNDS DIV.

3600 4D





TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: 11.11.16

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-429-03		
Project Title:	Cudworth Cemetery Expansion		
Category:	Special Projects		
Department:	Special Projects	Contact:	Al Bangert/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New [ ] Recurring [ ] Resubmission [ ]

Multiyear [ ] Phase \_\_\_ of \_\_\_

Description:

Special project

Benefits of Project and Impact if Not Completed:

*The Cudworth cemetery is in need of more plots for the burial of veterans.*

Discuss Operating Budget Impact:

*The request is for \$100,000 to the 2021 capital.*

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$100,000		\$100,000			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 11.11.16

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-429-04		
Project Title:	Vermeer Stump Grinder		
Category:	Equipment		
Department:	Grounds	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

*New Vermeer Stump Grinder*

*The Grinder varies depending on the activities that the machine is used for. It is used mainly for grinding down stumps from tree removals.*

**Benefits of Project and Impact if Not Completed:**

*A new Stump Grinder will allow stump grindings to be done within the town and not have to contract out to a vendor.*

**Discuss Operating Budget Impact:**

*New Stump Grinder will be an impact of \$52,000 to the 2021 capital.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$52,000		\$52,000			
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$52,000</b>	<b>\$0</b>	<b>\$52,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$52,000</b>	<b>\$0</b>	<b>\$52,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

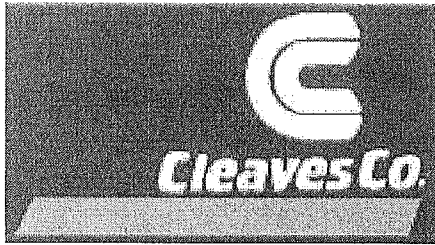
Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



Cleaves Company Inc.  
 300 Reservoir St.  
 Needham, MA 02494-0011  
 USA  
 877-449-0833 (Phone)  
 781-444-5611 (Fax)  
 www.cleavesco.com

**QUOTATION**

Quote #	Quote Created	Last Updated	Salesperson
75472	November 16, 2017 01:02 PM by Cleaves Company Inc.	September 17, 2018 01:28 PM by Cleaves Company Inc.	Dave Sarkisian

**CUSTOMER:**

Town of Scituate  
 68 Captain Pierce Rd  
 Scituate, MA 02066  
 USA  
 781-545-8733 (Phone)  
 Rick Capone (Contact)  
 scituatecharger@hotmail.com

*Stump Grinder*

**MODEL 2650SP SELF-PROPELLED STUMP GRINDER**

Qty	Part #	Description	Base Price
1	MODEL-2650SP	Model 2650SP - Self-Propelled Stump Grinder	\$ 41445.00

**STANDARD EQUIPMENT**

Qty	Part #	Description	Price
1	STANDARD	600 PSI Gauge	\$ 0.00
1	STANDARD	3000 PSI Gauge	\$ 0.00
1	STANDARD	6000 PSI gauge	\$ 0.00
1	STANDARD	17 gallon steel fuel tank with lockable filler cap, Rochester fluid sight gauge & magnetic drain plug	\$ 0.00
1	STANDARD	25 gallon steel hydraulic tank with lockable filler cap, glass sight gauge mounted to side of tank, and magnetic drain plug	\$ 0.00
1	STANDARD	Hydrostatic unit (Cutterwheel is driven by a heavy-duty hydraulic motor and is engaged via a hydraulic pump) (NO belts or bearings to maintain)	\$ 0.00
1	STANDARD	Drain plug for fuel and hydraulic tank	\$ 0.00
1	STANDARD	Self-contained Live hydraulic system including hydraulic pump, oil reservoir, control valves, and all necessary components	\$ 0.00
1	STANDARD	Direct drive, plug-in, hydraulic motors to drive wheels	\$ 0.00
1	STANDARD	(6) 20.5 x 8 x 10 tires mounted on 5-bolt white solid rims (Drive tires feature removeable dual wheels)	\$ 0.00
1	STANDARD	Rubber debris chip curtains	\$ 0.00
1	STANDARD	Steel storage compartment with latch and 1,000 CCA battery	\$ 0.00
1	STANDARD	Variable swing speed on cutter head	\$ 0.00
1	STANDARD	Cutterhead guard with lock pin device	\$ 0.00
1	STANDARD	Four wheel drive	\$ 0.00

**OPTIONS**

1	333-32273	Standard Imron Industrial Urethane Bandit Yellow (For Whole Tree Chippers/Beast please specify Chipper Guard paint color or Bolt on parts color)	\$ 0.00	\$ 0.00
1	990-RC1451-033	Perkins 404F-22TA, 67 horsepower engine without clutch - Tier 4 FINAL (Super sweep is recommended on stump grinders)	\$ 12450.00	\$ 12450.00
1	990-101072	Unit to be controlled with a swing-out operator's console with manual controls, lexan protective window, and rubber drop down curtain	\$ 0.00	\$ 0.00

1	990-1016-12	21" diameter x 1" thick Bandit cutter wheel with 18 Green teeth	\$ 0.00	\$ 0.00
1	990-1017-82	Super sweep with Murphy PV380 tach (regulates swing when engine drops below a pre-set RPM) (2650, 2600, 3100 and 2890 with manual controls)	\$ 625.00	\$ 625.00
1	OPTION-204-5000-	35" BLADE, 2650SP	\$ 1985.00	\$ 1985.00

**CUSTOMER TOTALS**

Total Unit Price:		\$ 56505.00
Customer Discount:	15.0000 %	- \$ 8475.75
Dealer Preparation/Delivery:		\$ 300.00
Customer Net Unit Price:		\$ 48329.25
Freight/Shipping:		\$ 900.00
Customer Total:		\$ 49229.25

**SIGNATURE**

The Buyer, whose name and address appears above, agrees to purchase from the Seller, whose name and address appears above, the above equipment at the prices stated and upon the terms and conditions of this agreement.

X

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## TERMS AND CONDITIONS

1. Buyer agrees to grant Bandit Industries, Inc., a security interest in the equipment covered by this order unit said equipment is paid in full.
2. This is a shipment contract and the goods shall be delivered F.O.B. Bandit Industries, Inc., Remus, Michigan. The risk of loss of the goods shall pass to the buyer as the goods are tendered to the carrier.
3. In the event Buyer defaults in the payment of any amounts due hereunder immediately due and payable without notice or demand, and shall have all of the remedies of a secured party under the Uniform Commercial Code and any other applicable laws. Upon repossession of the equipment by Seller, any notices required to be given by Seller to Buyer with respect to the sale or other disposition. In the event of a default, Buyer agrees upon Seller's request to make the equipment available to the Seller at such place as Seller may designate.
4. The Buyer agrees to keep the above described property insured against loss or damage by fire, wind, theft and accident by an insurance company or companies is to be payable to the Seller as its interest may appear, and the policies to be delivered to and retained by the Seller until the purchase price is paid in full. Such insurance coverage shall begin when Seller tenders the goods to the carrier.
5. Any tax other governmental charge upon the production, sales, or shipment of the goods sold hereunder, now imposed, or hereafter becoming effective during the term of this agreement, shall be added to the price herein provided, and shall be paid by the Buyer to the Seller.
6. This shall become a binding contract and effective as of the date when, but not before, either:
  - o (a) It has been accepted by the Seller at its executive office, or
  - o (b) The equipment has been delivered to the Buyer with or without acceptance in writing. Notice of acceptance is hereby waived by the Purchaser. The Purchaser acknowledges receipt of a true and complete copy of its sales agreement.
7. Seller shall not be responsible for failure to ship according to the terms and conditions of this contract, where such failure is caused by any fires, strikes, labor difficulties, failure of carriers to furnish facilities or acts of carriers, or other causes beyond the control of Seller: Provided that when such failure does not exist Seller shall perform this contract within a reasonable time.
8. There are no understandings, agreements, or representations, express or implied including any recording, merchantability, or fitness for a particular purpose, not specified herein, respecting this contract or the equipment hereunder. The contract and warranty are intended by the parties as a final expression of their agreement and are intended as a complete and exclusive statement of the terms of their agreement. No course of prior dealings between the parties and no usage of the trade shall be relevant to supplement or explain any terms used in this agreement. Acceptance or acquiescence in a course of performance rendered under this agreement shall not be relevant to determine the meaning of this agreement even the accepting or acquiescing party had knowledge of the nature of the performance and opportunity for objection. Whenever a term defined by the Uniform Commercial Code is used in this agreement the definition contained in the Code is to control.
9. No agent, employee or representative of the Seller has any authority to bind the Seller to any affirmation, representation or warranty concerning the goods sold under this agreement, and unless an affirmation, representation or warranty made by an agent, employee or representative is specifically included with this written agreement, it has not formed a part of the basis of this bargain and shall not in any way be enforceable by the Buyer.
10. This agreement can not be modified or rescinded only by a writing signed by both of the parties or their duly authorized agents.
11. This agreement shall be governed by the Uniform Commercial Code. Whenever the term "Uniform Commercial Code" is used, it shall be construed as meaning the Uniform code as adopted by the State of Michigan as effective and in force on the date of this agreement.
12. The counterpart of this contract held by the Seller shall be considered the original and shall be the binding agreement in case of a variance in any particular between in and the signed copy.



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: 9/20/18

Date of Last Edit: \_\_\_\_\_

Project Number:	<u>2021-429-05</u>	
Project Title:	Vermeer Chipper	
Category:	Equipment	
Department:	Grounds	Contact: Mike Breen/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

Description:

Replace the Vermeer Brush Chipper.

The expected useful life of a Chipper varies depending on the activities that the machine is used for. The average lifespan for an average Chipper is 5 to 8 years according to the MN State DOT recommended guidelines. All of the tasks this machine is used for are under harsh conditions, grinding large branches and brush.

Benefits of Project and Impact if Not Completed:

Old chipper is showing its age, rusted and unreliable.

Discuss Operating Budget Impact:

The replacement chipper will be an impact of \$60,000 to the 2021 capital.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$60,000		\$60,000			
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

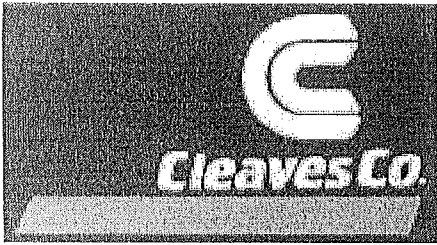
Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



Cleaves Company Inc.  
 300 Reservoir St.  
 Needham, MA 02494-0011  
 USA  
 877-449-0833 (Phone)  
 781-444-5611 (Fax)  
 www.cleavesco.com

**QUOTATION**

Quote #	Quote Created	Last Updated	Salesperson
85485	September 17, 2018 01:39 PM by Cleaves Company Inc.	September 17, 2018 01:40 PM by Cleaves Company Inc.	Dave Sarkisian

**CUSTOMER:**

Town of Scituate  
 68 Captain Pierce Rd  
 Scituate, MA 02066  
 USA  
 781-545-8733 (Phone)  
 Rick Capone (Contact)  
 scituatecharger@hotmail.com

*Diesel Chopper*

**MODEL 250XP (12" DISC STYLE) BRUSH BANDIT**

Qty	Part #	Description	Base Price
1	MODEL-250	Model 250XP - (12" Disc Style) Brush Bandit	\$ 28525.00

**STANDARD EQUIPMENT**

Qty	Part #	Description	Price
1	STANDARD	Spring loaded slide box type feed system with (2) horizontal feed wheels 10 5/8" diameter x 19 1/2" wide	\$ 0.00
1	STANDARD	Top feed wheel jack mount with locking pin to raise & lock top feed wheel using tongue jack (not provided when hydraulic lift cylinder option is selected)	\$ 0.00
1	STANDARD	29" high x 64" wide tapered infeed hopper with 30" fold down infeed hopper tray, heavy-duty taillight covers, and spring lift assists	\$ 0.00
1	STANDARD	345 degree HAND crank swivel discharge (height adjustable) with 12" adjustable chip deflector	\$ 0.00
1	STANDARD	Clean out and inspection door on discharge	\$ 0.00
1	STANDARD	40" diameter x 2" thick (2 knife pocket) chipper disc, each pocket equipped with (2) 1/2" x 4 1/2" x 7 1/4" dual edge knives	\$ 0.00
1	STANDARD	Pressure check kit for 90 95 150 200 250 255 - Gauge is NOT included	\$ 0.00
1	STANDARD	13 gallon steel hydraulic tank with magnetic drain plug, lockable filler cap, and sight gauge	\$ 0.00
1	STANDARD	40 gallon steel fuel tank with magnetic drain plug, lockable filler cap, and aluminum sight gauge	\$ 0.00
1	STANDARD	12 volt system with rubber mounted LED taillights, 6 prong replaceable coiled power cord & protected heavy-duty wiring with junction box, and LED clearance lights with reflectors.	\$ 0.00
1	STANDARD	3/16" x 2" x 6" rectangular tubing with a 1/4" x 3" x 6" tubular tongue	\$ 0.00
1	STANDARD	Frame / Fender supports	\$ 0.00
1	STANDARD	8,000 pound capacity tongue jack with 15" of travel and foot pad	\$ 0.00
1	STANDARD	(2) radiator guard posts	\$ 0.00
1	STANDARD	Safety control bar controls forward / neutral / reverse	\$ 0.00
1	STANDARD	Engine disable plug for hood locking pin-preventing engine from operating without pin in place	\$ 0.00
1	STANDARD	Wooden pusher tool with mount on infeed hopper	\$ 0.00
1	STANDARD	(2) Last chance safety pull cables	\$ 0.00
1	STANDARD	Weather resistant manual container	\$ 0.00
1	STANDARD	Safety DVD, (2) 6" wide x 9" tall Bandit operator's manuals (one paper copy and one waterproof copy tethered to machine) and (1) engine operator's manual	\$ 0.00



1	STANDARD	Banded chipper belts		\$ 0.00
1	STANDARD	Spanish & English combination safety decals		\$ 0.00
1	STANDARD	Lockable aluminum toolbox		\$ 0.00

**OPTIONS**

1	333-32273	Standard Imron Industrial Urethane Bandit Yellow (For Whole Tree Chippers/Beast please specify Chipper Guard paint color or Bolt on parts color)	\$ 0.00	\$ 0.00
1	990-RC1445-027	Caterpillar C3.4T, 122.5 horsepower engine without clutch - Tier 4 FINAL (Includes 3 year / 3,500 hour engine warranty)	\$ 22650.00	\$ 22650.00
1	905-6000-38	Murphy PV380 panel with reversing auto feed for Cat / Perkins 122.5 horsepower diesel engines (Includes 1,000 CCA battery with box)	\$ 2795.00	\$ 2795.00
1	700-1000-12	NACD spring loaded clutch	\$ 1475.00	\$ 1475.00
1	990-1017-89	Standard drive system for engines 145 horsepower and below	\$ 0.00	\$ 0.00
1	OPTION-981-5000-	Single 10,000 pound Torflex axle with electric brakes	\$ 1025.00	\$ 1025.00
1	990-100406	(2) 215/75R 17.5" tires mounted on 8-bolt heavy-duty gray rims (8,000 pound axles on up)	\$ 0.00	\$ 0.00
1	990-100415	Aluminum bolt on fenders (Approximately 1/8" thick)	\$ 0.00	\$ 0.00
1	990-100274	2 1/2" Wallace Forge pintle hitch	\$ 0.00	\$ 0.00
1	OPTION-980-5000-73	Dinamic winch with line docking station and manual push button feed assist (Includes 5/16" diameter x 200' Samson Amsteel blue rope) (Includes (1) manual rear stabilizer)	\$ 4850.00	\$ 4850.00
1	OPTION-981-2000-11	Hydraulic lift cylinder for top feed wheel with autofeed (controlled manually unless wireless radio remote option is selected)	\$ 1050.00	\$ 1050.00

**CUSTOMER TOTALS**

Total Unit Price:		\$ 62370.00
Customer Discount:	15.0000 %	- \$ 9355.50
Dealer Preparation/Delivery:		\$ 375.00
Customer Net Unit Price:		\$ 53389.50
Sales Tax:	5.0000 %	\$ 2669.48
Freight/Shipping:		\$ 1100.00
Customer Total:		\$ 57158.98

**SIGNATURE**

The Buyer, whose name and address appears above, agrees to purchase from the Seller, whose name and address appears above, the above equipment at the prices stated and upon the terms and conditions of this agreement.

X  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## TERMS AND CONDITIONS

1. Buyer agrees to grant Bandit Industries, Inc., a security interest in the equipment covered by this order unit said equipment is paid in full.
2. This is a shipment contract and the goods shall be delivered F.O.B. Bandit Industries, Inc., Remus, Michigan. The risk of loss of the goods shall pass to the buyer as the goods are tendered to the carrier.
3. In the event Buyer defaults in the payment of any amounts due hereunder immediately due and payable without notice or demand, and shall have all of the remedies of a secured party under the Uniform Commercial Code and any other applicable laws. Upon repossession of the equipment by Seller, any notices required to be given by Seller to Buyer with respect to the sale or other disposition. In the event of a default, Buyer agrees upon Seller's request to make the equipment available to the Seller at such place as Seller may designate.
4. The Buyer agrees to keep the above described property insured against loss or damage by fire, wind, theft and accident by an insurance company or companies is to be payable to the Seller as its interest may appear, and the policies to be delivered to and retained by the Seller until the purchase price is paid in full. Such insurance coverage shall begin when Seller tenders the goods to the carrier.
5. Any tax other governmental charge upon the production, sales, or shipment of the goods sold hereunder, now imposed, or hereafter becoming effective during the term of this agreement, shall be added to the price herein provided, and shall be paid by the Buyer to the Seller.
6. This shall become a binding contract and effective as of the date when, but not before, either:
  - (a) It has been accepted by the Seller at its executive office, or
  - (b) The equipment has been delivered to the Buyer with or without acceptance in writing. Notice of acceptance is hereby waived by the Purchaser. The Purchaser acknowledges receipt of a true and complete copy of its sales agreement.
7. Seller shall not be responsible for failure to ship according to the terms and conditions of this contract, where such failure is caused by any fires, strikes, labor difficulties, failure of carriers to furnish facilities or acts of carriers, or other causes beyond the control of Seller: Provided that when such failure does not exist Seller shall perform this contract within a reasonable time.
8. There are no understandings, agreements, or representations, express or implied including any recording, merchantability, or fitness for a particular purpose, not specified herein, respecting this contract or the equipment hereunder. The contract and warranty are intended by the parties as a final expression of their agreement and are intended as a complete and exclusive statement of the terms of their agreement. No course of prior dealings between the parties and no usage of the trade shall be relevant to supplement or explain any terms used in this agreement. Acceptance or acquiescence in a course of performance rendered under this agreement shall not be relevant to determine the meaning of this agreement even the accepting or acquiescing party had knowledge of the nature of the performance and opportunity for objection. Whenever a term defined by the Uniform Commercial Code is used in this agreement the definition contained in the Code is to control.
9. No agent, employee or representative of the Seller has any authority to bind the Seller to any affirmation, representation or warranty concerning the goods sold under this agreement, and unless an affirmation, representation or warranty made by an agent, employee or representative is specifically included with this written agreement, it has not formed a part of the basis of this bargain and shall not in any way be enforceable by the Buyer.
10. This agreement can not be modified or rescinded only by a writing signed by both of the parties or their duly authorized agents.
11. This agreement shall be governed by the Uniform Commercial Code. Whenever the term "Uniform Commercial Code" is used, it shall be construed as meaning the Uniform code as adopted by the State of Michigan as effective and in force on the date of this agreement.
12. The counterpart of this contract held by the Seller shall be considered the original and shall be the binding agreement in case of a variance in any particular between in and the signed copy.



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 10/18/17

Date of Last Edit:

Project Number:	2021-429-01		
Project Title:	Field Repair/Construction		
Category:	Constructions		
Department:	Grounds	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

*Practice Football field: Reconstruct and pulverize and rough grade existing field, install loam to finish grad and hydro-seed. Invoices locating, removal and capping and reinstalling sprinkler heads.*

**Benefits of Project and Impact if Not Completed:**

*Highlight project benefits, including efficiencies created, service enhancements, and cost savings. Also describe any short- and long- term consequences of not funding the project.*

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$58,000		\$58,000				<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$58,000</b>	<b>\$0</b>	<b>\$58,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$58,000</b>	<b>\$0</b>	<b>\$58,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2019 - FY2023

Date submitted: 10/18/17

Date of Last Edit:

Project Number:	2022-429-01		
Project Title:	Field Repair/Construction		
Category:	Constructions		
Department:	Grounds	Contact:	Mike Breen/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

Description:

Soccer Field Top dress field with load fill holes, correct grad and re-seed, includes all sprinkler head marking and adjustments

Benefits of Project and Impact if Not Completed:

Highlight project benefits, including efficiencies created, service enhancements, and cost savings. Also describe any short- and long- term consequences of not funding the project.

Discuss Operating Budget Impact:

Explain the project's short- and long-term impacts on the community's operating budget.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2019	FY2020	FY2021	FY2022	FY2023
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$35,000				\$35,000	
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$35,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,000</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$35,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,000</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

CANT

**Mass Pavement Reclamation, Inc**  
1356 Hanover Street  
Hanover, MA 02339  
Phone # 781-826-8388 Fax # 781-826-8358  
E-mail: massreclamation@aol.com

### Proposal

DATE	PROPOSAL #
7/10/2017	2017-026

NAME / ADDRESS
Town of Scituate Department of Public Works 600 Chief Justice Cushing Highway Scituate, MA 02066

PROJECT
Football Field (17)

SCOPE OF WORK
<p>JOB: PRACTICE &amp; FOOTBALL FIELD REPAIR/CONSTRUCTION</p> <p>Scope of Work: PRACTICE FOOTBALL FIELD          -160'X404' (64,640 SF / 7182 SY)          -Reconstruction of practice football field          -Pulverize &amp; rough grade existing field          -Install approx. 800 CY (3") loam to finish grade and hydro-seed          -Includes locating, removal and capping, and reinstalling and adjusting sprinkler heads          Total Estimate: \$56,870.00</p> <p>Scope of Work: SOCCER FIELD          -232' X 388' (90,016 SF / 10,000 SY)          -Top dress soccer field with 3" (approx. 800 CY) of loam          -Fill holes, correct grade, and re-seed          -Includes all sprinkler head marking and adjustments          -Town to aerate prior to work commencement          Total Estimate: \$33,588.00</p>

2021

2022

Please add Mass Pavement Reclamation, Inc. as additional excavator onto your digsafeticket and supply us with the valid digsafeticket number. We are not responsible for damage to any subsurface structure that is not clearly marked as to location and depth.

The work to be performed in accordance with the drawings & specifications submitted.

Payments are as follows:  
30 Days

Respectfully Submitted by *Michael Gallant*  
Thank You.  
Proposal may be withdrawn within 30 days.

The above scope of work, prices, and conditions are hereby accepted.  
Contractor is authorized to do work mentioned above.

Any alteration or deviation from above scope of work will become extra charge over and above this proposal.

\_\_\_\_\_  
Date

Please sign and return (1) copy to us. Thank You.

Customer Signature \_\_\_\_\_





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2019 - FY2023**

Date submitted: 10/18/17

Date of Last Edit:

<b>Project Number:</b>	2022-429-02		
<b>Project Title:</b>	Wheel Loader		
<b>Category:</b>	Equipment		
<b>Department:</b>	Grounds	<b>Contact:</b>	Mike Breen/Kevin Cafferty

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

<b>Project Is:</b>	New	<input checked="" type="checkbox"/>	Recurring	<input type="checkbox"/>	Resubmission	<input type="checkbox"/>
	Multiyear	<input type="checkbox"/>	Phase ___ of ___			

**Description:**

*New Wacker/wheel loader snow plow attachment and brush cutter attachment*

**Benefits of Project and Impact if Not Completed:**

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy <input checked="" type="checkbox"/> Debt <input type="checkbox"/> Enterprise Retained Earnings <input checked="" type="checkbox"/> Capital Stabilization <input checked="" type="checkbox"/> Free Cash <input type="checkbox"/> Revolving Fund <input type="checkbox"/> CPA <input type="checkbox"/> Grant(s) or Other
Land Acquisition	\$0						
Construction	\$0						
Equipment/Furnishings	\$100,000				\$100,000		
Contingency	\$0						
Other	\$0						
<b>TOTAL</b>	<b>\$100,000</b>	\$0	\$0	\$0	\$100,000	\$0	

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$100,000</b>	\$0	\$0	\$0	\$100,000	\$0

- CPA Purpose(s)**  
Check all that apply
- Open Space
  - Recreation
  - Historical
  - Housing

<b>Operating Budget Impact</b>						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

*Cost.*

## Wheel Loader

### WL 32

#### Articulated Wheel Loader offers power and performance for any construction job site

Equipped with a powerful Perkins 4-cylinder Tier IV Final Perkins diesel engine, the WL 32 from delivers high performance. Available with either a 48HP or 60HP engine designed for maximum efficiency. This articulating wheel loader features a modern cab design ensuring panoramic visibility with excellent head room and freedom of movement. With the universal attachment plate, Faster Hydraulic Block, and 14-Pin auxiliary electrical harness all standard, operating attachments is quick and easy.



#### ADDITIONAL ADVANTAGES:

- Perkins T4F engines available in 48 and 60 hp versions.
- Standard aux hydraulic flow of 16 gpm with 28 gpm high flow option.
- Universal attachment plate accepts most existing skid steer attachments.
- 48" width capable of maneuvering sidewalks (narrow tires required).
- Faster quick connect hydraulic connections with 14-pin wiring harness standard.
- Ergonomically shaped and spring-mounted seat for operator comfort for added productivity.
- Factory installed heat and A/C (A/C only on cab versions).

*\$64,912.50*



**WACKER  
NEUSON**



Technical Data	WL 32	
<b>ENGINE</b>		
Make / Model	Perkins Tier IV Final 404F-22 (48HP) 404D-22T (60HP)	
Type	Turbo-charged, water-cooled, 4-cylinder diesel engine	
Max. operating power canopy	hp (kW)	60 (45) 48 (36)
at operating speed	rpm	2600
Power rating specification	ISO 3046	
Fuel tank capacity	gal (l)	16 (60)
<b>PERFORMANCE</b>		
Drive speed 2-speed	mph (kph)	12 (20)
Bucket capacity	yd <sup>3</sup> (m <sup>3</sup> )	0.6 (0.5)
Drive	Hydrostatic / High speed	
Axles	Planetary axles	
Standard tires	31x15.5 - 15EM ET-37	
Steering	Hydraulically operated centrally- articulated pendulum steering	
Oscillation angle	12°	
Articulation angle	±44°	
Working brake	Hydrostatic / mechanical	
Parking brake	Mechanical	
<b>HYDRAULICS</b>		
Work pump	Gear pump	
Flow rate-working auxiliary high flow	gpm (l/min)	16 (60) 28 (106) HF option only
Pressure	psi (bar)	3046 (210)
Hydraulic tank capacity	gal (l)	13 (49)
<b>CAPACITY</b>		
Loader design	PZ lift frame	
Hydraulic lifting capacity	lbs (kg)	7259 (3293)
Breakout force	lbf (dN)	9082 (40.4)
Straight tipping load (bucket)	lbs (kg)	4885 (2216)
Articulated tipping load (bucket)	lbs (kg)	4080 (1851)
Straight tipping load (pallets)	lbs (kg)	4193 (1902)
Articulated tipping load (pallets)	lbs (kg)	3527 (1600)

Technical Data	WL 32	
<b>DIMENSIONS</b>		
A - Length with standard bucket	ft-in (mm)	15' 9" (4792)
A' - Length without bucket	ft-in (mm)	13' 2" (4022)
B - Axle center to bucket pivot point	ft-in (mm)	2' 3" (675)
C - Wheelbase	ft-in (mm)	6' 8" (1952)
D - Axle center to rear overhang	ft-in (mm)	4' 3" (1290)
E - Overhead loading height*	ft-in (mm)	9' 6" (2887)
F - Max. height of bucket pivot point*	ft-in (mm)	10' 6" (3200)
H - Max. dumping height*	ft-in (mm)	7' 11" (2413)
I - Scraping depth*	in (mm)	1" (43)
K - Reach at max. dump height*	ft-in (mm)	1' 1" (334)
L - Height of cab*	ft-in (mm)	7' 8" (2348)
M - Total working height*	ft-in (mm)	14' 8" (4648)
N - Maximum dumping angle	48°	
O - Reverse roll angle on ground	39°	
P - Reverse roll angle at max. lift height	50°	
Q - Inside turning radius*	ft-in (mm)	6' (1828)
R - Overall width* - narrow tires	ft-in (mm)	4' 7" (1390) 4' (1219)
T - Ground clearance*	ft-in (mm)	10" (250)
Z - Maximum turning radius	ft-in (mm)	11' 7" (3533)
Operating weight - cab	lbs (kg)	7385 (3350)

\* In the event of deviating tires or reversed wheel rims the dimensions will change

**DEALER INSTALLED ACCESSORIES** (Sold Separately)  
3" seat belt, winter convenience package, various tire options  
and more

**NOISE LEVEL**  
Noise level (LWA) 100 dB(A)

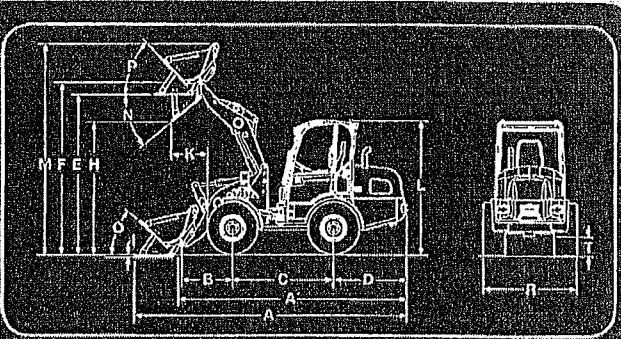
**Standard Package**

Wheel Loader WL 32 Model Guide  
includes operator's manual and parts book.

WL = Wheel Loader  
32 = Weight in metric tons 3.2

Please refer to our Price List and Ordering Guide for complete accessory information.

Specifications may change due to continuous product development. Users are advised to consult Wacker Neuson's Operator's Manual and website for specific information regarding the engine power rating. Actual power output may vary due to conditions of specific use.



0986192/Sep-2014/Layout: Goss Studio/Printing: Marek Group

**TRI-COUNTY CONTRACTORS SUPPLY**  
154 Wayside Ave.  
WEST SPRINGFIELD, MA 01089  
(413) 733-5189



**WACKER  
NEUSON**

www.wack

# Tri County Contractors Supply Inc.

Main Office Location  
154 Wayside Avenue  
West Springfield, MA 01089  
Phone (413) 733-5189  
Fax (413) 781-2102  
October 17, 2017

Scituate DPW  
Attn: Mike Breen  
68 Captain Pierce Road  
Scituate, MA. 02066

Mike,

It was a pleasure speaking with you today about the WACKER NEUSON WL32 loader and attachments. As per our discussion, we are pleased to quote you on the following equipment:

1 -new WACKER NEUSON model **WL-32HF** Loader complete with High Flow Hydraulics:  
GENERAL (Weight and dimensions may vary based off of configuration)

- Length (w/standard bucket)/Width/Height: 187.2" x 55.7" x 92.6"
- Operating weight: 7,496 lbs.
- Pin Height: 126.3"
- Maximum speed: 12.4 mph with 2-speed select switch
- Articulated steering:  $\pm 45^\circ$
- Oscillation angle:  $\pm 12^\circ$
- 100% - on demand differential lock
- Universal style mounting plate for attachments
- Back-up alarm
- Rotating Beacon
- Infinitely adjustable steering column

#### ENGINE

- Water-cooled T4F PERKINS diesel engine, model 404F-22T – Turbo Charged
- 4-cylinder, 135 in<sup>3</sup>
- Operating power: **60 HP** at 2,800 rpm

#### CAB

- Vibration Insulated, heating with fan and defroster vents, 2 doors
- Adjustable suspension comfort seat with safety belt
- Windshield wiper and washing system, front and rear
- Foldable rearview mirrors, right and left
- 2 front headlights and Front and Rear LED Safety Light Bars
- 2 front working lights and 2 rear working lights, Radio – AM/FM
- Complies with ROPS and FOPS regulations

HYDRAULIC

- Hydrostatic automotive 4-wheel drive
- Inch brake pedal
- Joystick control, forward / reverse / neutral
- Auxiliary control circuit standard
- **Auxiliary hydraulics: 26.4 gal/min**
- Universal style hydraulic skid steer quick hitch
- 14-Pin wiring harness for controlling electric over hydraulic attachments
- Faster® Hydraulic Block for quick changing of attachments
- 2 float positions – back dragging and scraping

TIRES

- Multi-purpose tires
- 31x15.5-15EM ET-37 Year-Round Usage
- 10.00 - 16.5 wheels with tires for winter use (47.5" wide) – Studded if desired

**Equipped with the following accessories:**

Bucket with bolt on cutting edge  
 Manual Throttle and Speed Control Kits (Ground Speed Control)  
 Fully Serviced and Ready to Operate

**FOB: Scituate, MA.**

**\$64,912.50**

**OPTIONAL ATTACHMENTS:**

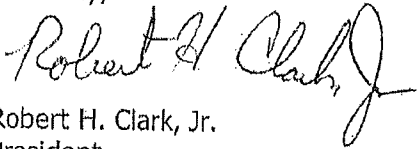
One – new McConel PA4530FM series Boom Mower complete with set of foam filled tires, counterweight, loader mounting and lock-out brackets, boom reaching out approx. 14' 3", Flail head, Joystick Controller with magnetic mounting for in-cab Fully Serviced and Ready To Operate From Above:	\$24,960.00	← options
One - new WN 4' Forks set of two with mounting carriage	\$ 877.50	
One - new WACKER NEUSON model PA680 – 48" Wide - Two Stage, Single Auger Snow blower for above machine	\$10,602.00	← options
One - new WACKER NEUSON model P682 – 48" wide DUAL AUGER and dual stage snow blower for high flow loaders only	\$17,455.50	
One - new WN 5' - hydraulic angle, <b>trip moldboard</b> snowplow	\$ 2,866.50	
One – new WN 5' x 30" high – Heavy Duty, <b>Trip Cutting Edge</b> , hydraulic angling snowplow	\$ 4,446.00	
One - new 60" wide, hydraulic driven and hydraulic angling broom	\$ 6,759.00	
One - Water Tank and Sprinkler System with Pump for Broom....ADD	\$ 1,015.20	

Other Options and Accessories are available upon request.  
 If the above prices are for **BUDGET – July, 2018**, please **add approx. 5%** to above prices for potential price increases.

After reviewing this information and the enclosed literature, if you have any questions or if we can be of any additional assistance please feel free to contact either myself or your salesperson  
-Katie Galuszewski (413) 575-0816.

Thank you and have a terrific day.

Sincerely,

A handwritten signature in cursive script that reads "Robert H. Clark, Jr." with a stylized flourish at the end.

Robert H. Clark, Jr.  
President  
Tri County Contractors Supply Inc.

Cc - K. Galuszewski  
File



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/20/18

Date of Last Edit:

Project Number:	2022-429-03		
Project Title:	Gates School Field Repair		
Category:	Field		
Department:	Grounds	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New	<input checked="" type="checkbox"/> [ ]	Recurring	[ ]	Resubmission	[ ]
	Multiyear	[ ]	Phase	___ of ___		

**Description:**

*Reconstruction of practice field 160X404 (64630 sf / 7182 sy) Pulverize, rough grade existing field  
Install approximately 800cy of loam to finish grade hydroseed  
includes locating, removal and capping and installing and adjusting sprinkler heads.*

**Benefits of Project and Impact if Not Completed:**

*Improving the current condition of the Town playing field for all sporting events.*

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

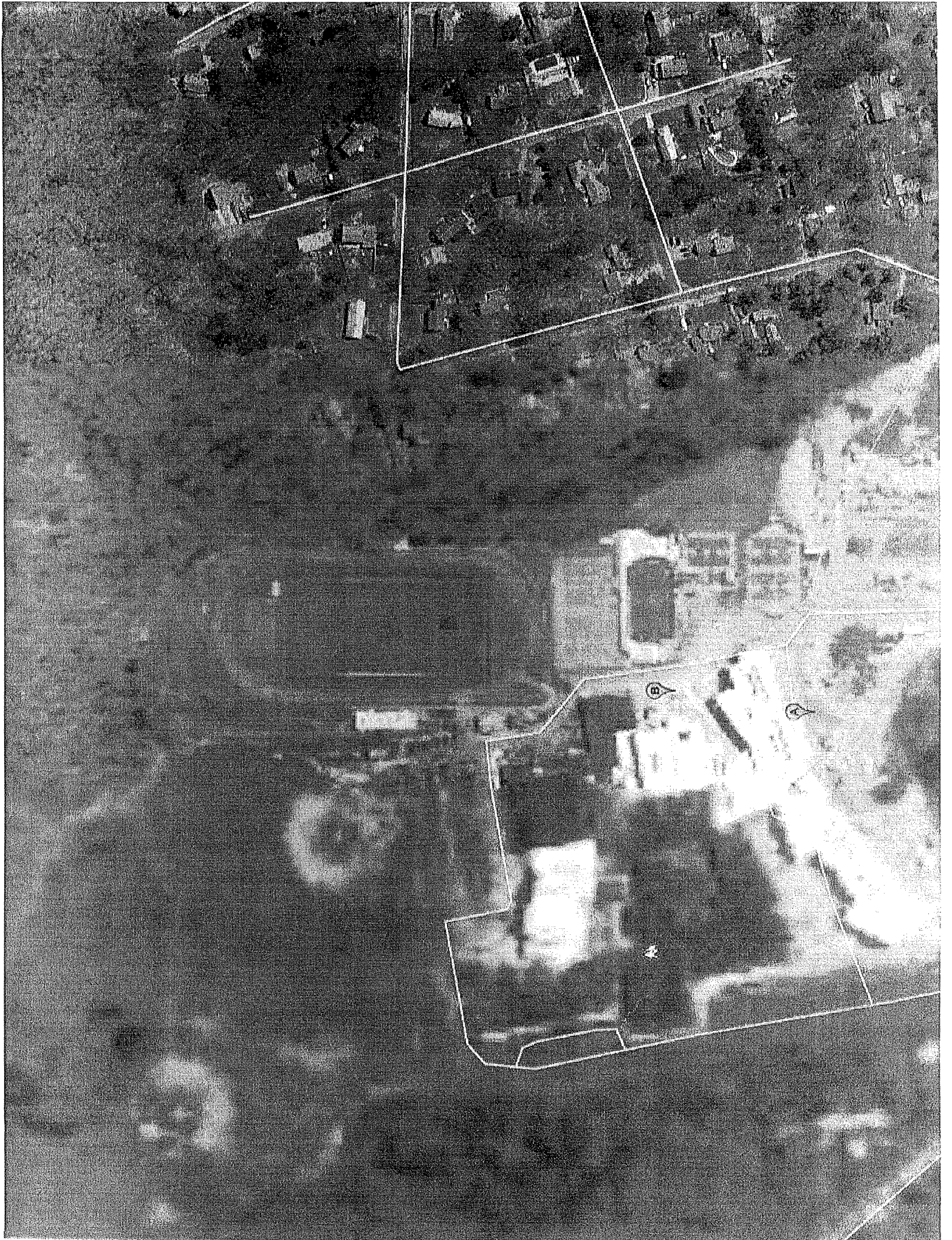
**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		2020	2021	2022	2023	2024	<input checked="" type="checkbox"/> Tax Levy	<input checked="" type="checkbox"/> Debt
Study/Design	\$0						<input type="checkbox"/> Enterprise Retained Earnings	
Land Acquisition	\$0						<input checked="" type="checkbox"/> Capital Stabilization	
Construction	\$60,000			\$60,000			<input checked="" type="checkbox"/> Free Cash	
Equipment/Furnishings	\$0						<input type="checkbox"/> Revolving Fund	
Contingency	\$0						<input type="checkbox"/> CPA	
Other	\$0						<input type="checkbox"/> Grant(s) or Other	
<b>TOTAL</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>		

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>

- CPA Purpose(s)  
Check all that apply**
- Open Space
  - Recreation
  - Historical
  - Housing

<b>Operating Budget Impact</b>						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					





TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_09/20/18\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2023-429-03		
Project Title:	Tractor		
Category:	Equipment		
Department:	Grounds	Contact:	Mike Breen/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New [ ] Recurring [ ] Resubmission [ ]

Multiyear [ ] Phase \_\_\_ of \_\_\_

Description:

Replacement of 1985 John Deere Tractor

Benefits of Project and Impact if Not Completed:

The current tractor is 36 years old, very tired and unreliable, new tractor will allow for better time in cutting grass and maintaining athletic fields. In addition this tractor would do roadside cutting of all overgrowth areas, and all irritating of fields.

Discuss Operating Budget Impact:

The request is for \$50,000 to the 2023 capital.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		2020	2021	2022	2023	2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$50,000				\$50,000		<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$50,000	\$0	\$0	\$0	\$50,000	\$0	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$50,000	\$0	\$0	\$0	\$50,000	\$0

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**JOHN DEERE**



ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company  
2000 John Deere Run  
Cary, NC 27513  
FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:

Padula Bros., Inc.  
184 Broadway - Route 138  
Raynham, MA 02767  
508-824-4494  
andrewm@padbros.com

**Quote Summary**

**Prepared For:**

Scituate Public Works-grounds  
68 Captain Pierce Rd  
Scituate, MA 02066  
Business: 781-545-8733

**Delivering Dealer:**

**Padula Bros., Inc.**  
Wayne Eccleston  
184 Broadway - Route 138  
Raynham, MA 02767  
Phone: 508-824-4494  
wayne@padbros.com

**Quote ID:** 18179379  
**Created On:** 14 September 2018  
**Last Modified On:** 14 September 2018  
**Expiration Date:** 15 October 2018

**Equipment Summary**

JOHN DEERE 3046R Compact  
Utility Tractor (34 PTO hp)

Selling Price	Qty	Extended
\$ 39,472.56 X	1 =	\$ 39,472.56

**Contract:** MA Lawn & Grounds Equipment FAC88 (PG 3X CG 22)  
**Price Effective Date:** November 1, 2017

**Equipment Total**

**\$ 39,472.56**

\* Includes Fees and Non-contract items

**Quote Summary**

Equipment Total	\$ 39,472.56
Trade In	
SubTotal	\$ 39,472.56
Est. Service Agreement Tax	\$ 0.00
Total	\$ 39,472.56
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	\$ 39,472.56

*Radio / Safety Lights 1000*  
49,472.56

Salesperson : X \_\_\_\_\_

Accepted By : X \_\_\_\_\_





**JOHN DEERE**



# Selling Equipment

Quote Id: 18179379

Customer Name: SCITUATE PUBLIC WORKS-GROUNDS

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company  
2000 John Deere Run  
Cary, NC 27513  
FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:

Padula Bros., Inc.  
184 Broadway - Route 138  
Raynham, MA 02767  
508-824-4494  
andrewm@padbros.com

## JOHN DEERE 3046R Compact Utility Tractor (34 PTO hp)

Hours:

Stock Number:

Contract: MA Lawn & Grounds Equipment FAC88 (PG 3X CG 22)

Selling Price \*  
\$ 39,472.56

Price Effective Date: November 1, 2017

\* Price per item - includes Fees and Non-contract items

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
0292LV	3046R Compact Utility Tractor (34 PTO hp)	1	\$ 30,101.00	17.00	\$ 5,117.17	\$ 24,983.83	\$ 24,983.83
<b>Standard Options - Per Unit</b>							
0202	United States	1	\$ 0.00	17.00	\$ 0.00	\$ 0.00	\$ 0.00
0409	English Operator's Manual and Decal Kit	1	\$ 0.00	17.00	\$ 0.00	\$ 0.00	\$ 0.00
1520	eHydro	1	\$ 0.00	17.00	\$ 0.00	\$ 0.00	\$ 0.00
1701	Factory Installed Loader with Bucket	1	\$ 5,849.00	17.00	\$ 994.33	\$ 4,854.67	\$ 4,854.67
2060	Deluxe Cab with Air Ride Seat	1	\$ 9,166.00	17.00	\$ 1,558.22	\$ 7,607.78	\$ 7,607.78
2650	Less Radio	1	\$ 0.00	17.00	\$ 0.00	\$ 0.00	\$ 0.00
3330	Dual Mid & Single Electrohydraulic Rear SCV	1	\$ 985.00	17.00	\$ 167.45	\$ 817.55	\$ 817.55
3420	Mid PTO	1	\$ 720.00	17.00	\$ 122.40	\$ 597.60	\$ 597.60
4061	Less iMatch Quick Hitch Category 1	1	\$ 0.00	17.00	\$ 0.00	\$ 0.00	\$ 0.00
5220	15-19.5 (6PR, R4 Industrial, 2 Position)	1	\$ -92.00	17.00	\$ -15.64	\$ -76.36	\$ -76.36
6220	25x8.50-14 (6PR, R4 Industrial, 2 Position)	1	\$ 55.00	17.00	\$ 9.35	\$ 45.65	\$ 45.65
<b>Standard Options Total</b>			<b>\$ 16,683.00</b>		<b>\$ 2,836.11</b>	<b>\$ 13,846.89</b>	<b>\$ 13,846.89</b>
<b>Dealer Attachments/Non-Contract/Open Market</b>							
BW15073	Ballast Box	1	\$ 288.20	17.00	\$ 48.99	\$ 239.21	\$ 239.21
LVB24852	Beacon Light Kit (Cab Only)	1	\$ 244.20	17.00	\$ 41.51	\$ 202.69	\$ 202.69
LVB24844	External Mirror Kit (Cab Only)	1	\$ 191.40	17.00	\$ 32.54	\$ 158.86	\$ 158.86
LVB24851	Horn Kit (Cab Only)	1	\$ 49.50	17.00	\$ 8.42	\$ 41.09	\$ 41.09



**JOHN DEERE**



# Selling Equipment

Quote Id: 18179379

Customer Name: SCITUATE PUBLIC WORKS-GROUNDS

ALL PURCHASE ORDERS MUST BE MADE OUT  
TO (VENDOR):

Deere & Company  
2000 John Deere Run  
Cary, NC 27513  
FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT  
TO DELIVERING DEALER:

Padula Bros., Inc.  
184 Broadway - Route 138  
Raynham, MA 02767  
508-824-4494  
andrewm@padbros.com

Dealer Attachments Total	\$ 773.30	\$ 131.46	\$ 641.85	\$ 641.85
Value Added Services Total	\$ 0.00		\$ 0.00	\$ 0.00
Suggested Price				\$ 39,472.57
<b>Total Selling Price</b>	<b>\$ 47,557.30</b>	<b>\$ 8,084.74</b>	<b>\$ 39,472.56</b>	<b>\$ 39,472.57</b>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/20/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2024.-429-01		
Project Title:	Leaf & Debris Vacuum		
Category:	Equipment		
Department:	Grounds	Contact:	Mike Breen/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]        Recurring [ ]        Resubmission [ ]

Multiyear [ ]        Phase \_\_\_ of \_\_\_

**Description:**

New Leaf & Debris vacuum

**Benefits of Project and Impact if Not Completed:**

*This new Leaf and debris vacuum would help assist in fall clean up of all town properties and schools, it will also help with clean up of tree/stump removals.*

**Discuss Operating Budget Impact:**

*The request is for \$33,000 to the 2024 capital.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$33,000					\$33,000
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$33,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33,000</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$33,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33,000</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



www.norfolkpower.com  
info@norfolkpower.com

Ship To: SAME AS BELOW

Invoice To: TOWN OF SCITUATE  
600 C.J. CUSHING HWY  
SCITUATE MA 02066

5 Cushing Drive  
Wrentham, MA 02093  
Tel: (508) 384-0011  
Fax: (508) 384-8667

846 Bronco Highway  
Burrillville, RI 02830  
Tel: (401) 710-9911  
Fax: (401) 710-9466

45 North Main Street  
Carver, MA 02330  
Tel: (774) 213-9190  
Fax: (508) 465-0931

\*\*\*Please remit payment to Wrentham address\*\*\*

Branch 01 - WRENTHAM		
Date 09/11/2018	Time 16:28:54 (O)	Page 1
Account No SCITU003	Phone No 7815458733	Est No 02 Q01827
Ship Via	Purchase Order	
Tax ID No		
MATT REARDON		Salesperson MDR

**EQUIPMENT ESTIMATE - NOT AN INVOICE**

Description	** Q U O T E **	EXPIRY DATE: 12/10/2018	Amount
Stock #: ?	Serial #:		23700.00
AGRIMETAL 22-99-0537- 4000 SERIES LEAF & DEBRIS VAC 27HP KOH			
		Sale # 01 Subtotal:	23700.00
		TOTAL:	23700.00
Stock #: ?	Serial #:		8570.00
ROCKHOUND 72B LANDSCAPE RAKE ATTACHMENT FOR SKID STEER			
		Sale # 02 Subtotal:	8570.00
		TOTAL:	8570.00
		Subtotal:	32270.00
Authorization: _____		Quote Total:	32270.00

\*\*\*All new equipment quotes valid for 45 days unless stated otherwise.\*\*\*

**Thank You For Your Business!**

Town of Scituate  
 Capital Plan - FY 2020-2024  
 Criteria Points-Summary  
 Sorted by Fund, Department, Year & Score

Total	Project	Project #	Department	Year	Fund	Request	Comment
46	Generator at Library	2020-410-02	Facilities (Library)	2020	GF	\$ 190,000	
29	Card Access Installation	2020-410-03	Facilities	2020	GF	\$ 65,000	
23	Replace Facilities Director & Handyman Vehicles	2020-410-01	Facilities	2020	GF	\$ 26,000	
46	Electrical Distibution - Town Hall	2021-410-03	Facilities (Town Hall)	2021	GF	\$ 100,000	
41	New ADA Access - Town Hall	2021-410-04	Facilities (Town Hall)	2021	GF	\$ 210,000	
10	Locker Room/Showers Highway Barn	2021-410-01	Facilities (DPW - Highway)	2021	GF	\$ 60,000	
42	Veterans Memorial Gym	2023-410-01	Facilities	2023	GF	\$ 695,000	
						\$ 1,346,000	



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2019 - FY2023**

Date submitted: 11/3/17

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-410-4		
Project Title:	Generator		
Category:	Electric/Emergency Management		
Department:	Facilities	Contact:	Kevin Kelly

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New	[ X ]	Recurring	[ ]	Resubmission	[ ]
	Multiyear	[ ]	Phase	___ of ___		

**Description:**

Install Emergency Generator for Town Library.

**Benefits of Project and Impact if Not Completed:**

Ability to keep library open during extended power outages. Life safety concerns, protect brand new investment by keeping systems running during adverse weather conditions. Provide another place of "Safe Harbor" as needed.

**Discuss Operating Budget Impact:**

Prevent flooding and freeze ups.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$180,000		\$180,000				<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$10,000		\$10,000				<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
							<input type="checkbox"/> CPA
<b>TOTAL</b>	<b>\$190,000</b>	<b>\$0</b>	<b>\$190,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$190,000</b>	<b>\$0</b>	<b>\$190,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

- CPA Purpose(s)**  
Check all that apply
- Open Space
  - Recreation
  - Historical
  - Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-410-03
Project Title:	Card Access Installations
Category:	
Department:	Contact:

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New [ X ]    Recurring [ ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

Description:

Provide project description, including an overview of its timeline, location(s), stakeholders, cost drivers, supporting detail, and expected useful life.  
Furnish and install all the material labor and equipment, to provide a new card Access system in Town Hall, Scituate Harbor Community Building, Maritime Center and WPA Building.

Benefits of Project and Impact if Not Completed:

Highlight project benefits, including efficiencies created, service enhancements, and cost savings. Also describe any short- and long- term consequences of not funding the project.

Discuss Operating Budget Impact:

Explain the project's short- and long-term impacts on the community's operating budget.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact	
During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0



## BCM Controls Corporation

June 12, 2018

30 Commerce Way  
Woburn, Massachusetts 01801  
781-933-8878 Phone  
781-932-3856 Fax  
www.bcmcontrols.com

Kevin Kelly  
Director  
Town of Scituate  
600 Chief Justice Cushing Highway  
Scituate, MA 02066

RE: Proposal to provide access control at the Town Hall, Maritime Center and Community Center facilities.

Dear Mr. Kelly,

BCM Controls Corporation is pleased to present our proposal to provide access control at the Town Hall, Maritime Center and Community Center facilities. The proposal is based on our site visit and subsequent conversations. Each of the above named facilities are quoted separately. All the buildings will connect to and utilize the existing Genetec Synergis access control system located at the new Public Safety building. The proposal includes the equipment, cabling, mounting, terminations, programming and related software.

BCM Controls has the resources and experience to meet and exceed your project expectations. We look forward to the opportunity to continue our relationship with the Town of Scituate and your department.

### **Scope of Work and pricing for the Town Hall**

BCM Controls will provide and install access control on the four entry points to the facility. Those doors to be equipped with access control include the front double doors, side ramp doors, rear double doors and the pass door in the basement adjacent to the overhead door.

Each entry point will be equipped with a proximity card reader, request to exit door sensor, door status switch for each moving door, electric locking device and appropriate additional door hardware. Composite cabling will be run between the network closet control location and the new access points. The new door control units will be connected to the customer provided network port for communication with the Genetec system at the Public Safety building.

### **Access control equipment for the Town Hall includes:**

- 4 Proximity Reader-Switch HID iClass
- 7 Door Status Switch, Sentrol SR-1078
- 4 Request to Exit PIR Detection Systems DS160
- 1 Synergis Cloud Link SY-CLOUDLINK
- 1 Small enclosure Kit SY-21X23ENC-KIT
- 1 Power Supply SY-6APS-B-NA-KIT
- 1 SY-EP1502 Network controller, two door
- 1 Sy-MR52 Additional two door controller
- 1 Altronix Lock Power Supply



Door Hardware for the Town Hall includes:

Ramp Door

- 1 RCI Electric Strike for Rim Device, satin chrome finish
- 1 BEA Logic module, single function, time delay for handicap door operator
- 1 BEA 900 MHz digital receiver
- 1 BEA 900 MHz digital flag transmitter for push button

Front and Back Doors

- 2 Von Duprin E373L Electrified lever trim, satin brass finish
- 2 Von Duprin back plate Conversion Kit, 8827CK-K/L-K/L-F Converts EO,DT,TP to K or L, Panic or Fire
- 2 Stanley Electrical Hinge, Five Knuckle Concealed Conductor Ball Bearing, 4-1/2 x 4, satin brass finish
- 2 Raceway from hinge to trim

For Garage Door

- 1 Adams Rite 7440 Electric Strike, aluminum finish, cut into wood frame
- 1 Adams Rite Lip Extension Kit for 7400,

Clarifications:

Installation during normal business hours Mon-Fri, 7:00am - 4:00pm.

Installation to include all conduit, wiring, mounting, terminations, programming and testing.

All necessary AC power provided by others.

Network connectivity by others.

1 -year warranty on all installations (labor and materials) from date of turn over.

Total cost to provide the Town Hall with access control as described in the above scope of work is **\$20,175.00** excluding MA sales tax.

**Scope of Work and pricing for the Maritime Center**

BCM Controls will provide and install access control on the exterior and interior front entry points to the facility. The system provides for remote access control of the new access points.

Each entry point will be equipped with a proximity card reader, request to exit door sensor, door status switch, electric locking device and appropriate additional door hardware. Composite cabling will be run cabling between the network closet control location and the new access points. The new door control unit will be connected to the customer provide network port for communication with the Genetec system at the Public Safety building.

Access control equipment for the Town Hall includes:

- 2 Proximity Reader-Switch HID iClass
- 2 Door Status Switch, Sentrol SR-1078
- 2 Request to Exit PIR Detection Systems DS160
- 1 Synergis Cloud Link SY-CLOUDLINK
- 1 Small enclosure Kit SY-21X23ENC-KIT

- 1 Power Supply SY-6APS-B-NA-KIT
- 1 SY-EP1502 Network controller, two door
- 1 Altronix Lock Power Supply

Door Hardware for the Maritime Center includes:

Front Vestibule Exterior Door

- 1 RCI Electric Strike, Surface for Rim Devices, satin chrome finish
- 1 Schlage spacer plate for maglock, 1/2" x 1-1/4" x 9", sprayed white (to extend the door jamb)

Front Vestibule Interior Door

- 1 Adams Rite 7440 Electric Strike, aluminum finish, cut into wood frame
- 1 Adams Rite Lip Extension Kit 7400, #03, for 3/4" molding

Clarifications:

- Installation during normal business hours Mon-Fri, 7:00am - 4:00pm.
- Installation to include all conduit, wiring, mounting, terminations, programming and testing.
- All necessary AC power provided by others.
- Network connectivity by others.

1 -year warranty on all installations (labor and materials) from date of turn over.

Total cost to provide the Maritime Center with access control as described in the above scope of work is **\$10,200.00** excluding MA sales tax.

**Scope of Work and pricing for the Community Center and Facts Office**

BCM Controls will provide and install access control on the main entry points for each entity. Each entry point will be equipped with a proximity card reader, request to exit door sensor, door status switch for each moving door, electric locking device and appropriate additional door hardware. Composite cabling will be run cabling between the network closet control location and the new access points. The new door control units will be connected to the customer provide network port for communication with the Genetec system at the Public Safety building.

The Facts office with be provide with two hardwired panic button for connection to the Public Safety system in the same manner as previously provided at the town Hall.

Access control equipment for the Community Center includes:

- 2 Proximity Reader-Switch HID iClass
- 3 Door Status Switch, Sentrol SR-1078
- 2 Request to Exit PIR Detection Systems DS160
- 1 Synergis Cloud Link SY-CLOUDLINK
- 1 Small enclosure Kit SY-21X23ENC-KIT
- 1 Power Supply SY-6APS-B-NA-KIT
- 1 SY-EP1502 Network controller, two door
- 2 Panic Button
- 1 Altronix Lock Power Supply

Door Hardware for the Town Hall includes:

Community Center Main Entry Door

- 1 Kawneer 1686 electric concealed panic for 3'0" door, aluminum finish
- 1 Re-use the existing key cylinder
- 1 Armored Door Loop 3/8 I.D. Flex (18) - Aluminum
- 1 Remove the door, adjust top and bottom rods, Rehang the door

Facts Office Main Entry Door

- 1 Adams Rite 4510 Deadlatch, Beveled Faceplate, dark bronze finish
- 1 Adams Rite 4590 Push Paddle, Push to Left, dark bronze finish
- 1 Adams Rite 7430 Electric Strike, Aluminum Jambs, dark bronze finish
- 1 Re-use the existing key cylinder

Clarifications:

Installation during normal business hours Mon-Fri, 7:00am - 4:00pm.  
Installation to include all conduit, wiring, mounting, terminations, programming and testing.  
All necessary AC power provided by others.  
Network connectivity by others.

1 -year warranty on all installations (labor and materials) from date of turn over.

Total cost to provide the Community Center building with access control as described in the above scope of work is **\$14,045.00** excluding MA sales tax.

Total Amount Approved: \_\_\_\_\_

Authorized Signature: PO#: \_\_\_\_\_

Date: \_\_\_\_\_

Please let me know if you have any questions or require any clarifications. Thank you for the opportunity to work with you on this project.

Regards,

Lyle Norton  
Security Division Sales  
BCM Controls  
781-933-8878 Ext.142

# Kevin Kelly

**From:** William Sheehan  
**Sent:** Wednesday, September 26, 2018 1:16 PM  
**To:** Kevin Kelly  
**Subject:** FW: [NOTICE] CDW-G Quote Confirmation: Quote #1BVW9HV/P.O. Ref. HMOOfficeWiFi

Smaller wifi units suitable for wpa station 4 etc...

[View in a browser](#)




## QUOTE CONFIRMATION

DEAR WILLIAM SHEEHAN,

Thank you for your online quote request. Please contact Andrew Bertuglia should you have any questions regarding configuration, pricing or contract verification.

[Convert Quote to Order](#)

REQUESTED	QUOTE #	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
7/24/2018	1BVW9HV	HMOOfficeWiFi	6608482	\$282.67

QUOTE DETAILS					
ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE	
 <b>Ruckus ZoneFlex R300</b> <b>Wireless Access Point</b> Mfg. Part#: 901-R300-US02 UNSPSC: 43223108	1	3289146	\$282.67	\$282.67	
<b>DELIVER TO</b>			<b>SUBTOTAL</b>	\$282.67	
<b>Shipping Address:</b> Town Hall William Sheehan 600 Chief Justice Cushing HWY Scituate, MA 02066			<b>SHIPPING</b>	\$0.00	
<b>Phone:</b> (781) 545-8812			<b>GRAND TOTAL</b>	<b>\$282.67</b>	
<b>Shipping Method:</b> Drop Ship Ground			<a href="#">Convert Quote to Order</a>		

3 @ \$282  
= \$850.00

### Need Assistance? CDW-G SALES CONTACT INFORMATION



Andrew Bertuglia | (203) 851-7092 | [andbert@cdwg.com](mailto:andbert@cdwg.com)

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**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/20/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-410-01		
Project Title:	New Facilities vehicles		
Category:	Equipment		
Department:	Facilities	Contact:	Kevin Kelly

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

**Description:**

provide two new vehicles for facilities director and facilities maintenance worker. Ford explorer and Ford transit cargo van.

**Benefits of Project and Impact if Not Completed:**

Both vehicles currently used are "hand me downs" are falling and maintenance costs are increasing.

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$52,039	\$52,039				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$52,039</b>	<b>\$52,039</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$52,039</b>	<b>\$52,039</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

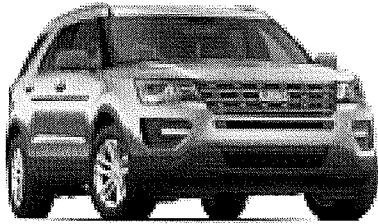
Housing

**Operating Budget Impact**

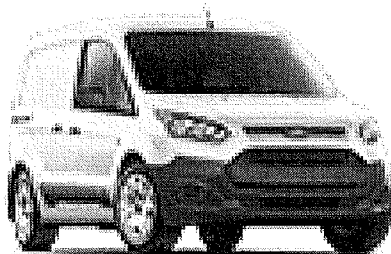
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

# GREATER BOSTON POLICE COUNCIL CATALOG

## FORD VEHICLES

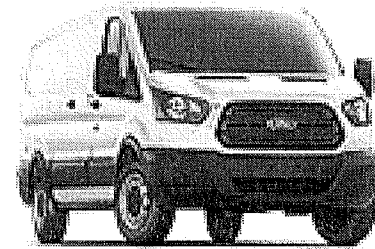


MODEL	CODE	DESCRIPTION	PRICE
Explorer	K8A	Police Int Utility	\$27,995.00
Explorer	K8B	Base 4WD	\$28,310.00
Explorer	K8D	XLT 4WD	\$31,455.00



MODEL	CODE	DESCRIPTION	PRICE
Transit Connect	S6E	Van XL SWB - Dual Sliding Doors No 2nd Row or RR Door Glass	\$20,850.00
Transit Connect	E6E	XL Van SWB - Dual Sliding Doors, No 2nd Row Glass RR Liftgate	\$20,850.00
Transit Connect	E7E	Van XL LWB - Dual Sliding Doors No 2nd Row Glass RR Liftgate	\$21,780.00
Transit Connect	S7E	Van XL LWB - Dual Sliding Doors No 2nd Row or RR Door Glass	\$21,780.00
Transit Connect	E6F	XLT Van SWB - Dual Sliding Doors, No 2nd Row Glass RR Liftgate	\$22,383.00
Transit Connect	S6F	Van XLT SWB - Dual Sliding Doors No 2nd Row or RR Door Glass	\$22,383.00
Transit Connect	S7F	Van XLT LWB - Dual Sliding Doors No 2nd Row or RR Door Glass	\$23,383.00
Transit Connect	E7F	Van XLT LWB - Dual Sliding Doors No 2nd Row Glass RR Liftgate	\$23,383.00

MODEL	CODE	DESCRIPTION	PRICE
Transit Connect	S9E	Wagon XL LWB - Dual Sliding Doors 2nd Row Glass Slides Up/Down 3rd Row Fixed Glass With	\$23,130.00
Transit Connect	E9E	Wagon XL LWB - Dual Sliding Doors 2nd Row Glass Slides Up/Down with RR Liftgate With Fixed	\$23,130.00
Transit Connect	S8F	Wagon XLT SWB - Dual Sliding Doors 2nd Row Glass 1 Shot Slide Up/Down 3rd Row and RR Fixed	\$23,265.00
Transit Connect	E8F	Wagon XLT SWB - Dual Sliding Doors 2nd Row Glass 1 Shot Slide Up/Down 3rd Row Fixed Glass RR	\$23,265.00
Transit Connect	S9F	Wagon XLT LWB - Dual Sliding Doors 2nd Row Glass 1 Shot Sliding Up/Down Fixed 3rd Row	\$25,079.00
Transit Connect	E9F	Wagon XLT LWB - Dual Sliding Doors 2nd Row Glass 1 Shot	\$25,079.00



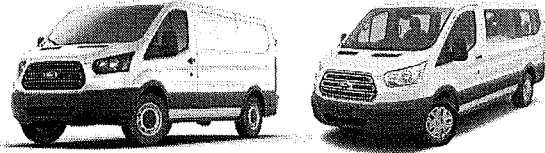
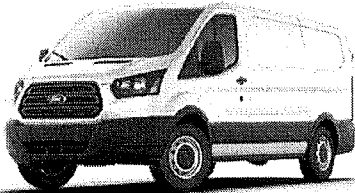
MODEL	CODE	DESCRIPTION	PRICE
Transit	E1Z	Transit 150 Low Roof 60/40 Pass 130" WB	\$22,570.00
Transit	E1Y	Transit 150 Low Roof Sliding Pass 130" WB	\$22,723.00
Transit	E9Z	Transit 150 Low Roof 60/40 Pass 148" WB	\$23,388.00
Transit	E2Y	Transit 150 Low Roof Sliding Pass 148" WB	\$23,550.00
Transit	E1C	Transit 150 Van Med Roof Sliding Pass 130" WB	\$24,915.00

# GREATER BOSTON POLICE COUNCIL CATALOG

## FORD VEHICLES

Transit	E1D	Transit 150 Van Med Roof Dual Sliding 130" WB	\$25,438.00
Transit	E2D	Transit 150 Van Med Roof Dual Sliding 148" WB	\$27,050.00
Transit	E2C	Transit 150 Van Med Roof Sliding Pass 148" WB	\$26,430.00
Transit	K1Z	Transit 150 XL Wagon Low Roof 60/40 Pass 130" WB	\$25,040.00
Transit	K1Y	Transit 150 XL Wagon Low Roof Sliding Pass 130" WB	\$25,183.00
Transit	K1C	Transit 150 XL Wagon Med Roof 60/40 Pass 130" WB	\$28,377.00

Transit	R2D	Transit 250 Van Med Roof Dual Sliding 148" WB	\$27,900.00
Transit	R2C	Transit 250 Van Med Roof Sliding Pass 148" WB	\$27,380.00
Transit	R3U	Transit 250 Van High Roof Dual Sliding 148" EL WB	\$30,998.00
Transit	R2U	Transit 250 Van High Roof Dual Sliding 148" WB	\$29,867.00
Transit	R3X	Transit 250 Van High Roof Pass Slide 148" EL WB	\$30,432.00
Transit	R2X	Transit 250 Van High Roof Pass Slide 148" WB	\$29,201.00

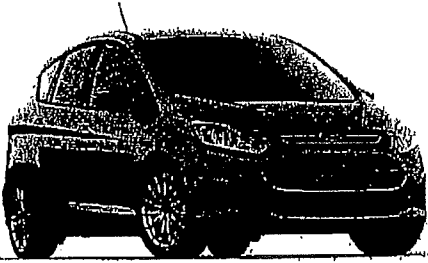


MODEL	CODE	DESCRIPTION	PRICE
Transit	R5Z	T250 Chassis Cab SRW Chassis Cab 138" WB	\$21,929.00
Transit	R7Z	T250 Chassis Cab SRW Chassis Cab 156" WB	\$22,003.00
Transit	R5P	T250 Cutaway SRW Cutaway 138" WB	\$21,329.00
Transit	R7P	T250 Cutaway SRW Cutaway 156" WB	\$21,503.00
Transit	R1Z	Transit 250 low Roof 60/40 Pass 130" WB	\$23,500.00
Transit	R1Y	Transit 250 Low Roof Sliding Pass 130" WB	\$23,600.00
Transit	R2Z	Transit 250 low Roof 60/40 Pass 148" WB	\$24,208.00
Transit	R2Y	Transit 250 Low Roof Sliding Pass 148" WB	\$24,320.00
Transit	R1D	Transit 250 Van Med Roof Dual Sliding 130" WB	\$26,390.00
Transit	R1C	Transit 250 Van Med Roof Sliding Pass 130" WB	\$25,865.00

MODEL	CODE	DESCRIPTION	PRICE
Transit	W7Z	T350 Chassis Cab SRW Chassis Cab 156" WB	\$22,685.00
Transit	F6Z	T350 Chassis Cab HD DRW Chassis Cab 138" WB	\$23,137.00
Transit	S6Z	T350 Chassis Cab HD DRW Chassis Cab 138" WB	\$23,355.00
Transit	F8Z	T350 Chassis Cab HD DRW Chassis Cab 156" WB	\$23,729.00
Transit	S8Z	T350 Chassis Cab HD DRW Chassis Cab 156" WB	\$23,746.00
Transit	F9Z	T350 Chassis Cab HD DRW Chassis Cab 178" WB	\$24,181.00
Transit	S9Z	T350 Chassis Cab HD DRW Chassis Cab 178" WB	\$24,399.00
Transit	W7P	T350 Cutaway SRW Cutaway 156" WB	\$22,184.00
Transit	F6P	T350 Cutaway HD DRW Cutaway 138" WB	\$22,637.00
Transit	S6P	T350 Cutaway HD DRW Cutaway 138" WB	\$22,857.00
Transit	F8P	T350 Cutaway HD DRW Cutaway 156" WB	\$23,028.00

# Plymouth County Commissioners Cooperative Procurement Specifications

## FOUR DOOR - FRONT WHEEL DRIVE HYBRID VEHICLE



**Manufacturer:** FORD MOTOR COMPANY

**Model Year:** 2015 OR CURRENT

**Model Name:** C-MAX SE HYBRID

**Specification:** 15-08

**Contract Price:** \$21,200.00

### STANDARD EQUIPMENT SUMMARY

- 2.0L I4 Atkinson Cycle Engine
- 141 Horsepower @ 6000 rpm
- 129 lb. - ft. torque @ 4000 rpm
- Transmission — electronically controlled continuously variable (ECVT) with grade assist
- Electric traction motor — 88-kW
- Front Wheel Drive
- Brakes — 4-wheel disc with Anti-Lock Braking System (ABS) and regenerative braking
- AdvanceTrac with RSC (Roll Stability Control)
- 330V sealed nickel-metal hydride battery
- Four wheel independent suspension
- Electronic power assisted steering
- Four (4) P225/50R17 all-season BSW tires
- Tire Mobility Kit (takes the place of spare tire)
- Wheels — 17" machined aluminum
- 15.0 gallon fuel tank
- Cruise control — steering wheel-mounted
- Windows — power with global one-touch up/down and global open
- Door locks — power
- Seating, Driver 6-way manual cloth bucket
- SYNC with MyFord
- Steering column — manual tilt/telescoping
- Remote Keyless Entry System with Integrated keyhead transmitters
- Steering wheel — cruise and redundant audio controls
- Front cloth bucket seats
- Rear 60/40 split-fold-down seat backs
- Defroster — rear window
- Climate control — dual-zone electronic automatic temperature control
- AM/FM single Single-CD/MP3 with 6 speakers, 60 watts, USB port and audio input jack
- Tire Pressure Monitoring System (TPMS)
- SecurILock passive anti-theft system
- EPA estimated fuel economy city 42 highway 37 combined 40



## Plymouth County Commissioners Cooperative Procurement Specifications

### FORD C-MAX SE MODEL OPTIONS

CODE	DESCRIPTION	PRICE
<b>Series Code</b>		
P5B	Upgrade to SEL Hybrid model	\$3,250.00
P5C	Upgrade to SEL Plug-in Hybrid model	\$9,150.00

CODE	DESCRIPTION	PRICE
<b>Equipment Groups</b>		
201A	Equipment Group 201A SE Power Liftgate and Rear Park Aid Package	\$875.00
202A	Equipment Group 202A SE SYNC, MyFord Touch & Sirius Package	\$570.00
203A	Equipment Group 203A Includes 201A, 202A and 5 Year Sirius Traffic & Travel Link	\$2,125.00
301A	Equipment Group 301A SEL Premium Audio and Navigation	\$1,295.00
302A	Equipment Group 302A, Included 301A & Hands-Free Technology Package	\$2,095.00
303A	Equipment Group 303A, Includes 301A, 302A & Parking Technology Package	\$2,885.00
47W	Winter Package	\$280.00
43P	Panoramic Fixed Glass roof	\$1,250.00
90C	Exterior Protection Package	\$235.00
47P	Interior Protection Package	\$165.00

CODE	DESCRIPTION	PRICE
96C	Cargo Management System 1	\$110.00
66F	Remote Start system, SE model	\$375.00
66R	Remote Start system, SEL model	\$375.00
90A	Keyless entry Keypad	\$90.00
76F	Stainless Steel Door Scuff Plates	\$90.00
96D	Charge Port Door Graphic	\$60.00
76A	Charge Cord Bag	\$65.00
76B	Full Vehicle Car cover (C-MAX Logo)	\$360.00
94Z	Daytime Running Lamps	\$42.00
41H	Engine Block Heater	\$32.00
94B	Smokers Package	N/A

Ford Extended Service Plans: Discount from MSRP	20%
Ford Factory Options: Discount from MSRP	5%

**CROSSOVERS / SUVs**



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: 10/18/17

Date of Last Edit:

Project Number:	2021-410-03		
Project Title:	Town Hall Electrical Distibution		
Category:	Construction		
Department:	Facilities	Contact:	Kevin Kelly
Project is:	New [X]	Recurring [ ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Description:

Update existing electrical and lighting systems.

Benefits of Project and Impact if Not Completed:

The existing electrical system is original and does not meet the current needs of computers and other electronic devices resulting in many cords being run; creating unsafe conditions. Furthermore, some of the lighting is inadequate and could use overall improvement as well as improvement for use.

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$100,000		\$100,000			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$100,000	\$0	\$100,000	\$0	\$0	\$0

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2018 - FY2022**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2021041004	
Project Title:	Town Hall new ADA Access	
Department:	Facilities	Contact:

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:  Recurring [ ]      Resubmission [ ]

Multiyear [ ]      Phase \_\_\_ of \_\_\_

**Description:**

*Provide project description, including an overview of its timeline, location(s), stakeholders, cost drivers, supporting detail, and expected useful life.*

Attached

**Benefits of Project and Impact if Not Completed:**

*Highlight project benefits, including efficiencies created, service enhancements, and cost savings. Also describe any short- and long- term consequences of not funding the project.*

Provide ADA access at front entry.

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

\$210,000

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2018	FY2019	FY2020	FY2021	FY2022
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$210,000				\$210,000	
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$210,000</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$210,000	\$0	\$0	\$0	\$210,000	\$0
<b>Operating Budget Impact</b>						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: 10/18/17

Date of Last Edit:

Project Number:	2021-410-01		
Project Title:	Locker room at Highway garage		
Category:	Construction		
Department:	Facilities	Contact:	Kevin Kelly

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ X ]    Recurring [ ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

Description:

Install locker and shower facilities at Highway garage.

Benefits of Project and Impact if Not Completed:

The bathroom facilities at the Highway 'barn' are currently inadequate as they do not provide changing apce and shower capabilities. Whereas staff at this location are always working outside regardless of the weather conditions and sometimes extreme conditions call for prolonged hours; a place to shower and change should be provided.

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$60,000		\$60,000			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$60,000	\$0	\$60,000	\$0	\$0	\$0

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2023-410-01
Project Title:	Veterans Memorial Gym
Category:	
Department:	Contact:

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

*Provide project description, including an overview of its timeline, location(s), stakeholders, cost drivers, supporting detail, and expected useful life.*  
**Update old and failing equipment to continue Recreation Function at Old gates. Project spread over three years and includes but not limited to: Fire Pump Replacement (150K), Addition of stair lift or elevator (100K), New Gymnasium Exhaust units (25K), Generator (20K), Bathroom Exhaust system (15K), Shower/Locker Room Upgrade (125K), Replace Unit Ventilators (35K), Window Replacement (175K), Plumbing Electrical, Fire Detection and Security Upgrades (150K).**

**Benefits of Project and Impact if Not Completed:**

*Highlight project benefits, including efficiencies created, service enhancements, and cost savings. Also describe any short- and long-term consequences of not funding the project.*

**Discuss Operating Budget Impact:**

*Explain the project's short- and long-term impacts on the community's operating budget.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0					695,000.	<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input checked="" type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

# Atlantic Elevator<sup>TM</sup>

S E R V I C E

... there before you need us

Scituate, Town of  
600 Chief Justice Cushing Highway  
Scituate, MA 02066  
Attn: Mr. Kevin M. Kelly  
Director of Facilities

Quotation #: 14110-I  
Date: September 14, 2018  
Re: Scituate, MA  
Passenger Elevator Installation

Dear Mr. Kelly,

Confirming our conversation today, please carry a **budget figure of \$100,000.00 (One Hundred Thousand Dollars)** to install a passenger elevator with the following characteristics.

Capacity: 2500 LBS  
Speed: 125 FPM  
Travel: 1<sup>st</sup> -2<sup>nd</sup> floor (approximately 12')  
Landings: Two  
Openings: Two in line  
Door Opening: 36" x 84"

**Note:** Atlantic Elevator Service installs only **NON-PROPRIETARY** materials.

Budget price is based upon installation in a prepared site. The hoistway, machine room, electrical, HVAC, cutting, patching, refinishing and stamping of the elevator drawings by a structural engineer in Massachusetts is not by Atlantic Elevator Service.

If you have any further questions concerning this matter, please contact me directly.

Respectfully submitted,



Bruce Nolan  
Repair/Modernization Manager

BPN/td

AVON INDUSTRIAL PARK  
180 BODWELL STREET  
AVON, MA 02322  
TEL 508-586-3610  
TOLL FREE 800-322-3538  
FAX 508-586-4176  
WWW.ATLANTICELEVATOR.COM

## Kevin Kelly

---

**From:** Paul McCarthy <paul.mccarthy@garaventalift.com>  
**Sent:** Wednesday, September 26, 2018 3:25 PM  
**To:** Kevin Kelly  
**Subject:** Re: Lift Proposal  
**Attachments:** 20180207\_095228\_resized.jpg; 20180207\_095421\_resized.jpg; 20180207\_095309\_resized.jpg

Hi Kevin

\$48K installed and state inspected for an incline Lift on the stairway

Prevailing wage labor included

Call me with any questions

Paul McCarthy  
Garaventa Lift  
781 281 6114 cell

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

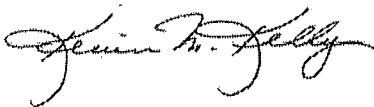
From: Kevin Kelly <[kkelly@scituatema.gov](mailto:kkelly@scituatema.gov)>  
Date: 9/26/18 2:33 PM (GMT-05:00)  
To: Paul McCarthy <[paul.mccarthy@garaventalift.com](mailto:paul.mccarthy@garaventalift.com)>  
Subject: RE: Lift Proposal

Thank you. What ballpark are we in ( I have a meeting tonight where I might be asked for a gueestimate ).

Thank You

Please note that as part of my daily activities; I have limited access to my emails. It is not unusual for me to get to emails late in the day or, the following business day. If your issue is urgent; please email Paula at [pbarry@scituatema.gov](mailto:pbarry@scituatema.gov) or call 781-545-7001. For all emergencies please dial 911.

Thank you, Kevin



Town of Scituate  
 Capital Plan - FY 2020-2024  
 Criteria Points-Summary  
 Sorted by Fund, Department, Year & Score

Total	Project	Project #	Department	Year	Fund	Request	Comment
49	Replace Ambulance	2020-220-02	Fire	2020	GF	\$ 289,634	
48	Humarock Fire Station Quarters Replacement	2020-220-01	Fire	2020	GF	\$ 275,000	
10	Replace 2005 Admin Vehicle	2020-220-03	Fire	2020	GF	\$ 48,825	
41	Refurbish 2006 Rescue Pumper	2021-220-01	Fire	2021	GF	\$ 90,000	
32	Replace overhead doors Stations 1 & 4	2021-220-02	Fire	2021	GF	\$ 36,000	
21	Replace 2010 Command Vehicle	2022-220-01	Fire	2022	GF	\$ 50,000	
15	Replace forest truck/storm vehicle	2022-220-02	Fire	2022	GF	\$ 76,345	
59	Replace Zoll monitor	2023-220-02	Fire	2023	GF	\$ 50,000	
49	Replace Ambulance	2023-220-02	Fire	2023	GF	\$ 289,634	
41	Replace 1995 Rescue Pumper	2024-220-01	Fire	2024	GF	\$ 90,000	
30	Replace 2002 Dive/Rescue Truck	2024-220-01	Fire	2024	GF	\$ 60,000	
						\$ 1,355,438	



# FY20 SFD CAPITAL BUDGET PROPOSAL

The Scituate Fire Department appreciates the consideration of the following capital requests. I understand the Town wide demand for funds and only put forward what I believe is essential for our department operations. Below is a brief description of my request and attached is my five year Capital plan and updated capital requests for the three proposals for FY20. Thank you again for your consideration.

1. Humarock Fire Station 4: To replace or raise and renovate Fire Station 4 due to the poor condition of the entire building and the fact that this building being flooded during several coastal storms. This fire station was built in July 1941. I believe the cost benefit of replacement vs. renovation is the most cost effective solution for this critical infrastructure. We currently have \$50K in Town funds as well as a \$100k grant from the State towards this project which has a deadline of July 31<sup>st</sup>, 2019 to use this grant funding. Below are preliminary estimates on replacement vs. renovation.

2. Ambulance replacement: Both our 3-Town (2003) and Rescue-2 (2012) are close to their useful expectations as an emergency response ambulance. Understanding only one can be replaced at this time I am looking to replace the 2003 ambulance that is used as our back up ambulance. I have received great feedback from our FF/medics on our 2015 Dodge chassis ambulance we were approved for in 2015. I believe a three year ambulance replacement is the best solution for our department rescue operations. We have one of the longest travel distances to a hospital on the South Shore and this adds wear and tear on these vehicles.

3. Administrative vehicle replacement: To replace our 2005 Car 3-1 Administrative vehicle due to being 14 years old at time of town Meeting. This vehicle has been used as our coastal access vehicle during recent storms to lessen the salt water damage on our newer vehicles. In turn this vehicle has significant rust issues as well as aging inside and out. This vehicle is used for emergency response and inspections by the Deputy Chief. This vehicle visits many homes and businesses on a daily basis for inspections and represents the Town and its fire department's professionalism.

Thank you,  
Chief Murphy



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/2018

Date of Last Edit: 9/27/2018

Project Number:	2020-220-02		
Project Title:	New Ambulance		
Category:	Vehicle replacement		
Department:	Fire Dept.	Contact:	Chief John Murphy

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New [ ]	Recurring [ X ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

**Description:**

The request for this ambulance will replace the 3 Town ambulance , a 2003 Ford E-350 with 105,500 miles (4/19). This ambulance was shared by 3 towns, Scituate, Norwell, and Cohasset. The 3 Towns have agreed this will no longer be supported & Scituate has retained use of it as our back up ambulance due to our higher call demand.

**Benefits of Project and Impact if Not Completed:**

This ambulance has served us well but will be 16 years old in FY20 and is furnished with aging equipment. My recommendation is to replace our ambulances every 3 years which would give us 9 years service for the lifetime of each vehicle. This replacement cycle will meet the expected increase in demand to support our community. We currently run 2 full time ambulances 24/7. I would like to run the 3rd ambulance as we have run rescue 2 in the past, by using on duty personnel and calling back to fill those vacancies when needed. We have been trading our 10 year old ambulances in with over 250,000 miles on them with much of the maintenance necessary after 180,000 miles. I believe it would provide the best EMS service with 3 reliable ambulances and cost effective purchasing them on a 3 year cycle.

**Discuss Operating Budget Impact:**

The budget impact would likely be reduced due to less maintenance cost of a 9 year life span and the milage closer to 200,000 miles rather than 250,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		FY2020	FY2021	FY2022	FY2023	FY2024	<input type="checkbox"/> Tax Levy	<input type="checkbox"/> Debt
Study/Design	\$0						<input type="checkbox"/> Enterprise Retained Earnings	
Land Acquisition	\$0						<input checked="" type="checkbox"/> Capital Stabilization	
Construction	\$0						<input type="checkbox"/> Free Cash	
Equipment/Furnishings	\$289,634	\$289,634					<input type="checkbox"/> Revolving Fund	
Contingency	\$0						<input type="checkbox"/> CPA	
Other	\$0						<input type="checkbox"/> Grant(s) or Other	
<b>TOTAL</b>	<b>\$289,634</b>	<b>\$289,634</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$289,634</b>	<b>\$289,634</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)  
Check all that apply**

- Open Space
- Recreation
- Historical
- Housing

**Operating Budget Impact**

During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0

Estimate for Chief John Murphy

<b><u>Demo</u></b>	\$ 25,000.00
Graham Waste, remove all exterior siding, windows trim Remove all interior walls, trim and flooring	
<b><u>Plumbing</u></b>	\$ 38,000.00
Plumbing, new bath, handicap bath and kitchen heat	
<b><u>Insulation</u></b>	\$ 5,500.00
Spray open cell foam in all exterior walls and ceiling Closed cell foam under the first floor	
<b><u>Windows</u></b>	\$ 6,750.00
15 Anderson tilt wash windows	
<b><u>Exterior Trim</u></b>	\$ 16,000.00
All exterior trim will be 145 Kleer vinyl 1x8 soffit fascia	
<b><u>Roof</u></b>	\$ 7,350.00
14 square roof @ 525/sq.	
<b><u>Flooring</u></b>	\$ 19,200.00
2400 sq. ft. at \$8.00 per square foot, includes the kitchen and bathroom floors Plaster and Blue board	\$ 12,800.00
½ blue board skim coat plaster all smooth walls and ceiling	
<b><u>Framing</u></b>	\$ 10,800.00
Frame 2 bedrooms and weight room where old bay was	
<b><u>Interior Trim</u></b>	\$ 2,500.00
Trim and baseboard	
<b><u>HVAC</u></b>	
<b><u>Cooling</u></b>	\$8,000.00
<b><u>Electrical</u></b>	
<b>200 amp service</b>	\$15,000.00
<b><u>Sprinklers System</u></b>	
<b>13R residential sprinkler</b>	\$15,000.00
<b><u>Kitchen</u></b>	\$ 19,000.00
Small kitchen with counter and sink 4 upper cabinets and 5 lower cabinets	
<b><u>Misc. Rott</u></b>	\$ 15,000.00
Fix any floor joist that are rotten from years of flooding	
<b><u>Exterior doors</u></b>	\$ 1,650.00
3 Exterior 9 lite fiberglass doors	
<b><u>Interior doors</u></b>	\$ 1,350.00
6 6 panel solid core doors	
<b><u>Raise Building:</u></b> move to side & return	\$ 20,000.00
<b><u>Pile Drive</u></b>	\$ 44,050.00
Trailer rental \$1,600/mo 6months	\$9,600.00
<b><u>TOTAL</u></b>	\$292,550.00
<b>Total w/10% contingency: \$30,000</b>	<b>\$322,550.00</b>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2020-220-01		
Project Title:	Humarock living quarters replacement		
Category:	Facility replacement		
Department:	Fire Department	Contact:	Chief John Murphy

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New [ ]	Recurring [ ]	Resubmission [ ]
	Multiyear [X]	Phase 1 of 2	

**Description:**

The replacement of the Humarock fire station has been discussed in recent years due to the new fire engine not being able to fit in the existing facility and especially due to the deplorable conditions of the structure. Twice in the past year salt water flooding penetrated the apparatus area as well as the floor framing and sheathing that will likely cause long term damage to the structure with rot & potential mold. There are several locations in the living space that the floors are weak and spongy. The current station does not comply with handicapped accessibility which we would need to do to provide the expected increase in walk in medical aid volume as insurance requirements change. The new station would also provide space for a triage/treatment room where the current building does not have that ability. Building a pre fabricated structure would take much less time to build reducing costs and other logistical challenges.

**Benefits of Project and Impact if Not Completed:**

The replacement of the Humarock Living quarters is the most cost effective solution to an aging station that was built in 1941. This was the oldest of all our fire stations and in need of extensive repair or replacement. The estimates cost to replace is \$415,659 vs. the renovation cost of \$405,659, a \$10,000 difference makes sense to replace this building for the long term service to the residents of humarock. Whether we replace or rebuild we would have to raise the building to the current FEMA flood standards. The new building would be built to the new building codes which have proven to with stand the effects of our ongoing storms. This would be a wooden pre-fabricated building which is built with 2x6 framing vs. 2x4 for conventional construction. The new building would be more efficient to heat and cool due to all the exterior up grades. If the project is not funded the current building would require similar cosats to renovate and would not likely provide as long a term of service for our residents.

**Discuss Operating Budget Impact:**

The impact on the communities budget would be similar if we renovated or repaired the building as stated above, costs are very similar. Fortunately we have \$50,000 allocated from FY19 Town Meeting and we also recieved a \$100,000 State grant to repair/renovate the existing building reducing the future demand from \$425,000 to \$275,000. I am also looking at the Federal level to see if there are any funds to reduce the burden on our taxpayers.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$275,000	\$275,000				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**

Check all that apply

- Tax Levy
- Debt
- Enterprise Retained Earnings
- Capital Stabilization
- Free Cash
- Revolving Fund
- CPA
- Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**

Check all that apply

- Open Space
- Recreation
- Historical
- Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

# HUMAROCK FIRE STATION REPLACEMENT/REPAIR PROPOSAL FY 20

Replacement:

• 24' x 48' pre-fab wood building KBS Builders	\$135,617
• Station 4 demolition	\$4,000
• Demo debris removal	10,000
• Piling/foundation estimate	\$44,050
• Charcoal exhaust filtration system	\$12,452
• 20KW generator	\$16,640
• 200 amp electrical system & connectivity	\$15,000
• Cooling HVAC	\$8,000
• Boiler heat	\$13,000
• Interior finish	\$15,000
• Exterior finish	\$25,000
• 13R sprinkler system	\$14,000
• Trailer/housing rental Est:\$1600/mo. 2 months	\$3,200
• Communication/radios/Zetron connection	\$13,000
• Closed cell insulation under building	\$3,500
• Design & engineering	\$10,000
• Connect to new apparatus bay	\$8,000
• Septic replacement	\$25,000

Sub-Total estimate	\$375,459
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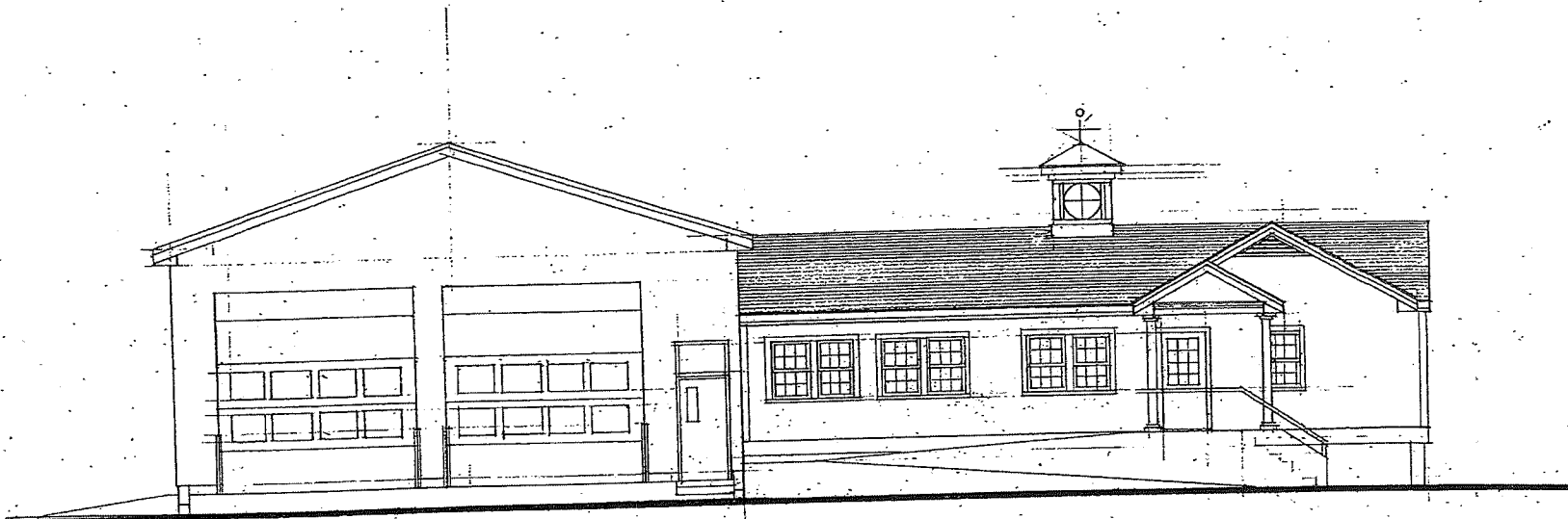
10% contingency	\$40,200
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Total estimate	\$415,659
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Funds allocated \$50K TM FY18, State Grant \$100K	-\$150,000
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Total estimate needed	\$265,659
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<b>Total requested</b>	<b>\$275,000</b>
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RIVER STREET ELEVATION  
1/8" = 1'-0"

# South Shore Pile Driving, LLC

12 Sea St  
Marshfield, MA 02050  
Phone: 781-706-4021  
E-Mail: paul@sspiledriving.net

## Estimate

1/25/2018

Town of Scituate  
Chief John Murphy  
Corner of River & Harvard Streets  
Scituate, MA 02066

**RE: Humarock Satellite Fire Station Foundation**

**This estimate is based on sketch plan only. Prices subject to change upon final engineering and finished plans**

- Supply & Install <sup>20</sup>15 (qty.) 25' 12" Class B 2.5 cca S.Y.P Timber Piles
- Supply & Install 10"x12" a.c.q. Beams Including Galvanized Hardware & Brackets

**Total \$34,050**

44,050

- Demolition of building machine time only, loaded on town trucks/dumpsters (no disposal fees)

**Additional \$4,000**

DISPOSAL \$10,000  
\$14,000

Thank you

Quote Date:	02/24/18	REVISED:	0/0/0
Sales Rep:	J C ANNIS	REVISION #	0

Quote #	House #:
Plan Rev #:	

NON BINDING PRE-ENGINEERING ESTIMATE

BUILDER:	Milton Corp
ADDRESS:	1094 Blue Hill Avenue
CITY:	Milton
STATE:	MA
ZIP:	02186
CONTACT:	Mike Solimando

TYPE OF HOUSE:			
Ranch			
SIZE OF HOUSE:	24	x	48

BLDG. LICENSE HOLDER:	Barry Patterson #CS-110014	Exp. 12/5/2019
CUSTOMER:	Scituate Fire Department	
SITE ADDRESS:	River Street	
CITY:	Scituate	
STATE:	MA	ZIP:
GSL:	35 LB	WIND: 110 / 133 Vult
MA ENERGY CODE:	MA Stretch Energy Code	

HOUSE INFO:		
Number of Boxes:	2	
Number of Line Moves:	2	
Total Approx Square Feet for Estimating Purposes:	1,152	
Cost Base: 10/11/2017	Program: 17.04	Option Book: 17.01

<b>BASE PRICE:</b>		73,901
<b>CONSTRUCTION:</b>		
MODULAR STRUCTURE IS CONSTRUCTED WITH SPF MATERIAL ONLY HAD NOT BEEN REVIEWED OR DESIGNED FOR ANY SPECIFIC FLOOD COMPLIANCE		
MODULAR STRUCTURE HAS NOT BEEN DESIGNED TO COMPLY TO A SPECIFIC FOUNDATION HOLDDOWN DESIGN		
ENGINEERING FOUNDATION DESIGN TO BE SUPPLIED BY OTHERS		
SPECIAL DOOR BETWEEN LIVING UNIT AND GARAGE TO BE SPECIED AND OR SUPPLIED BY BUILDER		
CUPOLA TO BE SUPPLIED AND INSTALLED BY BUIL,DER		
ENRTIES AND PORCHES TO BE ON-SITE BY BUILDER		
THERMAL BYPASS CHECKLIST FOR FACTORY CONSTRUCTION WITH THIRD PARTY (TRA) SIGN-OFF		
		500
DOCUMENTATION AND HERS PERFORMANCE REQUIREMENTS FOR STATE OF MASSACHUSETTS ENERGY CODE COMPLIANCE ON THE COMPLETED STRUCTURE TO BE THE RESPONSIBILITY OF THE BUILDER		
<b>FLOOR SYSTEM:</b>		
> 2" x 10" Floor Joists - 16" o.c. / Solid Block Bridging	1st Floor	STD
96 100# Live Load (2) 2" x 10" Floor Joists 16" o.c. (ILO 2" x 10" 16" o.c.		1,344
> 3/4" T&G Plywood (ILO STD)		518
<b>EXTERIOR WALLS:</b>		
> 2" x 6" Exterior Walls - 16" o.c.		STD
> 8' Ceiling Height	All Floors	STD
1 Additional labor and materials for high wind hold down/fastening schedule. Ranch		800
> Caulk Walls to Floor		MA Stretch Energy Code
		PKG
<b>EXTERIOR SHEATHING:</b>		
> 1/2" Advantech ZIP-System with Seam Tape ILO 7/16" OSB (Single Story 6/12 to 7/12 Pitch)		1,440
<b>MARRIAGE WALLS:</b>		
> 2" x 4" Marriage Wall studs - 16" o.c.		STD
<b>MARRIAGE WALL SHEATHING:</b>		
> 7/16" OSB Marriage Wall Sheathing	Standard Application	STD
> Ship Loose Spray Foam for Marriage Walls ILO Gasket Material		MA Stretch Energy Code
		PKG
<b>ROOF:</b>		
> 6/12 Pitch Truss with Raised Heel - 16" o.c.		STD
1 7/12 Trussed Roof (ILO 6/12 Truss)		1,200
<b>ROOF SHEATHING:</b>		
> 5/8" CDX Plywood Roof Sheathing ILO 7/16" OSB		816
> 5/8" Advantech ZIP-System with Seam Tape ILO 7/16" OSB (6/12 to 7/12 Pitch)		1,512
<b>GABLE END OVERHANGS:</b>		
3 Gable End Overhang 6/12 to 7/12 (Each Side)		690
<b>SHEETROCK:</b>		
<b>WALLS:</b>		
> 1/2" Thick Sheetrock Throughout		STD
<b>CEILINGS:</b>		
> 1/2" Thick Sheetrock at Ceilings with RC-2 Channel		STD
<b>FINISH: WALLS AND CEILINGS - 2 COAT PRIMER SYSTEM</b>		
> BASE COAT: Sherwin Williams "Builders Solutions" Interior Latex A63 W 100	Color: White	STD
> TOP COAT: Sherwin Williams "Painters Edge" Interior Latex Flat	Color: Dover White	STD
<b>REVERSE GABLES: Under 20'</b>		
18 7/12 Roof Pitch Reverse Gable Dormer	Front Elevation	1,440
<b>INSULATION:</b>		
<b>BASEMENT/CRAWL SPACE:</b>		
> To be provided and installed by Builder on-site		By Builder
> UNDER FLOOR TO BE INSULATED AND WEATHER PROOFED ON-SITE BY BUILDER		
<b>ENERGY EFFICIENCY PACKAGE:</b>		
1 Energy Efficient Option - Level #2 (Single Story - Truss Roof)		1,267
<b>EXTERIOR WALLS:</b>		
> R-20 Dense Pack Cellulose Wall Insulation ILO R-19		MA Stretch Energy Code
> Exterior House Wrap	Tape all Seams and Penetrations	STD
<b>ROOF/CEILING:</b>		
<b>Trussed Roofs:</b>		
> R-49 Cellulose insulation in Ceiling ILO R-38		MA Stretch Energy Code
> KBS to install as much as possible, Shiploose Remainder		STD
> Any shiploose Insulation installed on-site by Builder		By Builder



INTERIOR WALLS:							
>	Insulate Collar Stairwell Walls						STD
72	Insulate 2x4 interior walls with R-11 unfaced All Walls, 1/2 bath, shower room triage/ laundry, both dorm rooms						187
9	Insulate 2x6 interior walls with R-19 unfaced 1/2 bath / shower room party wall						33
EXTERIOR DOORS & SIDELITES:							
FRONT DOOR:							
1	3'-0" Thermo-Tru S210, 6 Panel, Smooth Star Fiberglass						INC
1	Door Frame: Final Frame with rot proof bottom (Primed)						STD
1	Exterior Trim: 5/4"x4" Final Frame w/ built in "J" Channel (White)			Color:	White		STD
HARDWARE:							
1	Lockset: Schlage "Plymouth" - (Satin Chrome) Exterior Knob			Color:	Satin Chrome		STD
REAR DOOR:							
1	2'-8" Thermo-Tru S262, 9 Lite, Smooth Star Fiberglass						INC
1	Door Frame: Final Frame with rot proof bottom (Primed)						STD
1	Exterior Trim: 5/4"x4" Final Frame w/ built in "J" Channel (White)			Color:	White		STD
>	SPECIALTY DOOR TO ACCESS GARAGE TO BE SUPPLIED AND INSTALLED ON-SITE BY BUILDER						
HARDWARE:							
1	Lockset: Schlage "Plymouth" - (Satin Chrome) Exterior Knob			Color:	Satin Chrome		STD
.	Note: All Final Door Adjustments by Builder in Field						
							By Builder
WINDOWS:							
HARVEY WINDOWS:							
>	Harvey Vinyl "Slimline" Single Hung - (Double Low-E / Argon, Fiberglass mesh half screen)			Color:	White		STD
>	Grids: 5/8" Contoured GBG			Pattern:	Harvey Standard		STD
>	Harvey Vinyl "Vigilance" Double Hung Impact Resistant Window ILO STD			Color:	White		6,120
							MA High Wind Borne Debris Zone
PATIO DOORS:							
>	NONE						
SIDING & SHUTTERS:							
SIDING:							
>	Start Siding for Single Builder Installed Sill Plate						N/C
>	CertainTeed Mainstreet Double 4" Siding			Color:	<< Select Color >>		STD
>	3-1/2" Outside Corner:			Color:	<< Select Color >>		STD
>	Aluminum Fascia with Vinyl Soffit			Color:	White		STD
>	J-Channel and Sill Trim at Eave Overhang to Match Siding Color			Color:	<< Select Color >>		STD
>	J-Channel at Rake Overhang to Match Siding Color			Color:	<< Select Color >>		STD
>	12" x 18" Gable End Vents	Shiploose		Color:	<< Select Color >>		STD
SHUTTERS:							
>	None						
ROOF SHINGLES:							
>	CertainTeed "Landmark" Architectural, Limited Lifetime Warranty			Color:	<< Select Color >>		STD
48	High Wind Nailing for Shingles (6 Nails per full shingle)				High Wind Zone		336
>	Aluminum Drip Edge			Color:	White		STD
>	One Layer 15lb F15 Paper						STD
>	(2) Courses of Ice & Water Shield at Eaves and Single course at Valleys						STD
PLUMBING:							
>	PVC Drain & Vent Lines						STD
>	Pex Supply Lines to Basement, Stubbed at Each Location - Not a Complete Loop						STD
>	Commercial Structure - Cast Iron Drains and Vent ILO PVC						1,200
>	Commercial Structure - Copper Water Lines ILO PEX						500
1	Plumb & Wire for Washer with Hammer Arrestor						200
1	Radon Vent Pipe 3" PVC From Basement to Attic w/ Power to J-Box in Attic Caps Each End and Labeled (Single Story)						115
>	Install "J" Box in Attic Within 16" of Vent for on-site use of a Radon Fan if Needed						STD
>	SPRINKLER SYSTEM IF REQUIRED TO BE SUPPLIED AND INSTALLED ON-SITE BY BUILDER						
HEAT:							
>	Note: Heat loss calculations are based on 180° water temperature - Builder needs to notify KBS if the design temp needs to be different for their heating system						
1	OMIT Hot Water Baseboard Heaters	HVAC TO BE SUPPLIED AND INSTALLED ON-SITE BY BUILDER					-346
>	(1) Thermostat Wire:	Location:	TBD				STD
>	Thermostat is supplied & installed by others						By Others
>	Emergency Boiler Switch	Location:					STD
AIR EXCHANGER:							
>	None						
	Owners Signature:						
	Owner Declines Optional Air Exchanger / HRV Unit.						
ELECTRICAL:							
>	200 AMP Full Size Panel Box	Location:	TBD				STD
>	ALL TELECOMMUNICATION, ALARM AND SPECIALTY SYSTEMS TO BE DETERMINED OR SUPPLIED AND INSTALLED ON-SITE BY BUILDER						
>	Wire for Electric Range and Gas Range						STD
1	Wire for Electric Dryer (Incls. Breaker, Dryer Box and Venting to the Exterior)						210
>	(2) GFI Weather Proof Outlets (per code)						STD
>	Photo Electric Smoke Detectors: BRK #7010B - Each Bedroom (per Code)						STD
>	Photo Electric Smoke/Carbon Monoxide Combo Detectors w/Voice: BRK #SC7010BV - Each Bedroom Group (per Code)						STD
>	Arc Fault Circuits (per Code)						STD
LIGHTING:							
1	Standard Package (Nickel)	One Story		Color:	Nickel		STD
LIGHTING SCHEDULE: SITE SPECIFIC LIGHTING TO BE DETERMINED							
	Location	Model#				Qty Total	
>	Kitchen (Sink):	Halo #E27ICAT w/ #6100WB Trim (6" Recessed)					INC
>	Kitchen (Ceiling):	HomeStyle HS31005-09 - Brushed Nickel					INC
>	Dining:	HomeStyle HS41004-09 - Brushed Nickel				Supply only	INC
>	Living:	Switched Recept					INC

>	Entry (Ceiling):	HomeStyle HS31004-09 - Brushed Nickel				INC	
>	Bedrooms:	Switched Recept				INC	
>	Walk in Closet:	None				STD	
>	Hall (1st Floor):	HomeStyle HS31004-09 - Brushed Nickel				INC	
>	Front Door:	Exterior Front Light #P5863-20				INC	
>	Rear Door:	Exterior Rear Light #P5862-20				INC	
>	<b>Emergency Lights &amp; Exit Signs:</b>						
2	Combo Exit Sign and Dual Head Emergency Light: Cooper "Sure-Lites" #LPXH70RWHDH					470	
<b>KITCHEN:</b>							
<b>CABINETS: ESTIMAT INCLUDES BASE AND UPPER CABINETS FOR KITCHEN AREA AS SHOWN</b>							
Merillat: "Classic" Series Cabinets (Single Roll-Out Trays)							
>	Merillat cabinet touch up kit (TUK) - Shiploose						INC
>	Spring Valley Maple Square			Color: <<Select Finish>>		STD	
>	Toe Kick Material to match Cabinet Color (Note: Material is shipped loosed when Kitchen Flooring is OMIT)						STD
>	<b>RECEPTION COUNTER TO BE DETERMINED</b>						
>	Four Drawer Base Cabinet: BD12-4D ILO B12L1ST						0
>	<b>Moldings:</b>						
16	Classic Crown Molding: CCM8 (Must Round to Next 8' Increment)					320	
<b>COUNTERTOP:</b>							
>	Standard Postform Laminated Countertop (290 Wrap)						STD
<b>SINK:</b>							
>	Double Bowl Stainless Steel 8" deep - American Standard #20DB.8332284S.075					Color: Stainless Steel	STD
<b>FAUCET:</b>							
>	American Standard "Colony Pro" Single Lever Faucet w/ Spray #7074.040.002 (Chrome)					Color: Chrome	STD
<b>RANGE HOOD:</b>							
1	Delete Range Hood - Prep for spacesaver microwave						N/C
<b>APPLIANCES:</b>							
>	None						0
>	Plumb & Wire for D/W with Hammer Arrestor (Omit Cabinet)						0
>	Plumb for Ice & Water @ Fridge (with Box and Hammer Arrestor)						0
<b>BATHROOM #1 - Half Bath:</b>							
<b>HANDICAP LAV:</b>							
1	Handicap wall hung lav: Kohler K-2032 (White) w/ concealed hanger and Zurn #Z812A-4 Faucets (ILO 36" Vanity and Lav)				Color: White	230	
<b>MEDICINE CABINETS:</b>							
1	Jensen "Horizon" #1451 16"x26" Recessed - Frameless Beveled Edge						STD
>	Fixed Angle ADA Mirror (Bradley #7040)						265
<b>VANITY LIGHTS:</b>							
1	Vanity Light Bar: Home Style #HS21008-09 (Two Light) - Brushed Nickel					Color: Brushed Nickel	STD
<b>BATH FANS:</b>							
>	Nutone #RN110L Bath Fan/Light/Night Light Combo						STD
1	Add Tork Digital 24 Hour programmable timer (#SS705Z)					MA Stretch Energy Code	45
<b>TOILET:</b>							
1	Handicap "Comfort Height" Toilet: Kohler Highline K-4199 Elongated Bowl & Wellworth K-4436 Tank - White (ILO STD)				Color: White	190	
1	Toilet Seat: A/S Elongated Slow Close #5257.A65C.020 (White)						STD
1	(1) 30" & (1) 42" Grab Bar for Handicap Toilet						90
<b>ACCESSORIES (SHIPPED LOOSE):</b>							
1	Towel Ring: American Standard "C-Series" #8337.024.002				Color: Chrome	STD	
<b>BATHROOM #2 - Shower Room:</b>							
<b>TUBS / SHOWERS:</b>							
>	<b>Tub/Shower:</b>						
1	Tub/Shower: Aquatic 60" 2603SG				Color: White	STD	
>	<b>Faucet:</b>						
1	American Standard "Colony Pro" Tub/Shower Diverter Trim Kit #T075.508.002 with R118SS Valve (Chrome)				Color: Chrome	STD	
>	<b>Handicap Showers with Faucets:</b>						
1	Aquatic 60" Handicap Roll-in Shower: 1603BFSD with Grab Bars and Fold up Seat (ILO STD 60" Shower)				Color: << Select Color >>	2,160	
1	American Standard Faucet #1662SG.223.002 with Hand Held Shower and 36" Slide/Grab Bar (Chrome)				Color: Chrome	STD	
1	24" Towel Bar: American Standard "C-Series" #8337.024.002				Color: Chrome	STD	
0	Paper Holder: American Standard "C-Series" #8337.230.002				Color: Chrome	STD	
<b>INTERIOR DOORS &amp; TRIM:</b>							
<b>TRIM:</b>							
>	2-1/2" Colonial Casing Trim - STD					Color: White	STD
>	3-1/2" Colonial Baseboard Trim - STD					Color: White	STD
<b>DOORS:</b>							
>	Masonite "Classics" Hollow Core - Smooth Finish				6-Panel	Color: White	STD
<b>HARDWARE:</b>							
>	Lockset: Schlage "Plymouth" - (626 - Satin Chrome) Interior Lever and door hinges					Color: Satin Chrome	STD
<b>WINDOW SILLS &amp; SASHES:</b>							
>	Picture Frame Window - No Sills					Color: White	STD
>	Window Sill - Kitchen Sink Window (KBS STD)					Color: White	STD
<b>PAINT:</b>							
>	Trim and Door Paint: Sherwin Williams "Promar 400" Latex Semi-gloss					Color: Extra White	STD
<b>SHELVING:</b>							
>	Schulte Ventilated Wire Shelving - White						STD
>	(1) 12" Deep Shelf with Open Slide Rod @ Closets / Wardrobes						STD
>	(5) 16" Deep Shelf @ Pantry Closets						STD
>	(3) 16" Deep Shelf @ Linen Closets						STD
>	(1) 16" Deep Shelf above Washer/Dryer area						INC
<b>FLOOR COVERINGS:</b>							
>	<b>FLOORING TO BE DETERMINED</b>						
1	OMIT Standard Flooring						-1,280

**Pricing/Order Form**

ON-SITE REQUIREMENTS:			
>	Foundation survey to make sure it is level and square is the responsibility of the Builder		By Builder
>	Sill plates installed level and square with a 1/4" tolerance are the responsibility of the Builder		By Builder
>	Lally columns and plates on-site for day of set are the responsibility of the Builder		By Builder
>	Cost of off site storage area if needed for the modules is the responsibility of the Builder		By Builder
>	Police details on-site if required are the responsibility of the Builder		By Builder
>	Police Escorts from storage site to Job site if required are the responsibility of the Builder		By Builder
>	Trash Dumpster available for the day of set is the responsibility of the Builder		By Builder
<b>TOTAL OPTIONS:</b>			22,574
<b>BASE PRICE FROM ABOVE:</b>			73,901
<b>TOTAL BASE &amp; OPTIONS (No Set Fees, Transportation, Engineering or Seals):</b>			96,475
<b>STATE SALES TAX:</b>			
3.125 % Tax	Massachusetts	Taxable Amount \$97,200	3,038
<b>TOTAL F.O.B.</b>			99,513
<b>ENGINEERING:</b>			
>	Engineering Fee		425
<b>STATE SEALS:</b>			
2	Massachusetts Modular Seal		200
2	Third Party Approval Seal (Required in all States)		100
<b>FREIGHT &amp; PERMITS:</b>			
<b>FREIGHT:</b>			
200	Estimated Miles (Minimum Charge 100 miles)		
1	Carriers with (1) Escort Vehicle		1,350
1	Carriers with (2) Escort Vehicles Included		1,850
100	Additional Charges for Milage ove the 100 Mile Minimum		200
<b>PERMITS: (Permit needed for each State traveled through)</b>			
2	Maine		80
2	New Hampshire		80
1	Massachusetts		45
1	Massachusetts (Over Width) - for boxes over 14' wide		300
1	Return Frame Permit		150
<b>POLICE ESCORTS:</b>			
<b>Check if Police Escorts are Needed</b>			
1	New Hampshire Police Escorts (2 Officers per Carrier)		560
1	Massachusetts Police Escorts (2 Officers per Carrier)		704
<b>Frame Usage:</b>			
2	Frame Usage Fee (Each Transporter)		300
>	Return Frame Fee (Over 100 Miles)		1,000
<b>Overnight Fees:</b>			
>	None		
<b>Truck On-Site:</b>			
1	Truck on-site day of set		760
<b>TOTAL ENGINEERING, STATE SEALS, FREIGHT &amp; PERMITS:</b>			8,104
<b>TOTAL ESTIMATED DELIVERED PRICE (Does not include Crane or Set):</b>			107,617
Price / Square Foot before set costs.			\$93.42
Items shown as optional are not included in price.			
<b>SET ALLOWANCE: SET CREW TO BE CONTRACTED AND PAID DIRECTLY BY BUILDER</b>			6,500
<b>CRANE ALLOWANCE: CRANE TO BE CONTRACTED AND PAID DIRECTLY BY BUILDER</b>			4,000
<b>TOTAL ESTIMATED PRICE DELIVERED AND SET:</b>			120,617
<b>NOTE: THIS IS A PRELIMINARY ESTIMATE ONLY SUBJECT TO ENGINEERING REVIEW.</b>			
<b>THIS ESTIMATE REFLECTS STATE CODE CONFORMANCE. IT IS THE BUILDERS RESPONSIBILITY TO ALERT</b>			
<b>KBS OF ANY LOCAL CODE REQUIREMENTS.</b>			
<b>PRICING ASSURED FOR 60 DAYS FROM DATE OF ESTIMATE</b>			



## POWER SYSTEMS

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### Product Quotation

August 21, 2018

Project Name: Scituate Fire – 21KW

We are pleased to offer you the following equipment quote Q082118M4 for the subject project.

**(One) Winco PSS21 Natural Gas Generator Set Rated 21KW, 120/240-volt, 1-Phase, 60 Hz**

#### **Zenith Engine Model –428-2.8L**

- 50 C Ambient Radiator
- Electronic Isochronous Governor

#### **Stamford Alternator**

- Brushless Rotating Field Generator
- 4-Lead Wired 240V 1-Phase
- Stamford AS540 Automatic Voltage Regulator

#### **Unit Features:**

- (1) Main Line Circuit Breaker 90 Amp Mounted & Wired in a NEMA 1 Enclosure
- Deep Sea 7310 MKII Digital Generator Control Panel
- Engine Block Heater 1000W 120VAC Rated for -20°F
- Battery Charger: (2 Amp / 12 Volt)
- 12V Lead Acid Battery, Battery Rack & Cables
- Weather Protective Enclosure
  - 16-gauge galvanized steel with internal baffling and 1" foam for sound attenuation
  - Powder Coated, Color: Gray
  - Formed Steel Base with Mounting and Lifting Holes
  - Includes Vibration Mounts to Isolate Unit from Base Rail
  - 81" long, 35" wide, 43.18" tall
- Critical Grade Compact (CPJ Series) Silencer Mounted to Engine within enclosure
- Oil Drain Kit (Piped to Edge of Skid w/Valve)
- Lube Oil & Antifreeze (Initial Fill)
- Standard Factory Testing
- Standard 2 Year Warranty
- Certified to UL2200
- One Hardcopy O&M Manual
- Delivery, Installation, Startup & Test

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**Trusted Power Solutions Provider Since 1970**



**POWER SYSTEMS**

(One), ASCO Automatic Transfer Switch: Rated 000 amps, 120/240-volt, 2-Pole, NEMA 3R Enclosure.

**Total Price: \$16,640.00**

Notes:

- Standard Terms and Conditions apply
- Quote valid for 30 days
- Delivery is FOB factory to job site for offloading and installation by others
- FMGPS is not responsible for any permits, special approvals or testing (unless otherwise specified)
- 50% Deposit, cash or check; invoice to valid purchase order required to place order
- Applicable Taxes not included

If you have any questions, please feel free to contact me directly

Kind regards,

Mark Legere  
Sales Coordinator



The World Leader In Engine Exhaust Removal  
Systems for the Fire and EMS Industry

August 27, 2018

Chief John Murphy  
Scituate Fire Department  
Scituate, MA



RE: QUOTATION FOR AIRVAC 911® ENGINE EXHAUST REMOVAL SYSTEM.

Thank you for requesting a FREE quotation on our AIRVAC 911® engine exhaust removal system, the most effective, hassle free and complete exhaust removal system on the market today for the fire industry. I have enclosed the requested proposal and also included technical information about our superior system.

Please feel free to call me TOLL FREE with any questions or if you require more information at (800)540-7264. Again, thank you for your inquiry and we look forward to helping you and your Fire Department/EMS facility solve its engine exhaust problem.

Sincerely,

Sara Scialo  
Air Vacuum Corporation  
Email: [sara@airvacuumcorporation.com](mailto:sara@airvacuumcorporation.com)



GS-07F-0437M



MEETS 2018 EDITION NFPA 1500 10-1.5, OSHA, NIOSH, FEMA & MORE



The World Leader In Engine Exhaust Removal  
Systems for the Fire and EMS Industry

## AIRVAC 911® SPECIFICATIONS

**MODEL:** AIRVAC 911®, VERTICAL AIR FLOW DESIGN, CEILING HUNG, RE-CIRCULATING AIR FILTRATION SYSTEM. MANUFACTURED BY: AIR VACUUM CORPORATION, 6 FARADAY DRIVE, DOVER, NH 03820.

**FILTRATION:** "4-STAGE" FILTER PACK. ALL FILTERS ARE INDUSTRY STANDARD SIZED, UL TESTED & CERTIFIED.

**PRE-FILTER (STAGE 1):** 24" X 24" X 1". 3-PLY POLYESTER CONSTRUCTION. TWO LAYERS OF 16/40 DUAL DENIER POLY FIBERS WITH A FINAL DUST CATCHING ADHESIVE LAYER. SELF-SEALING FILTER WITH PRE-INSTALLED INTERNAL HEAVY GAGE WIRE FRAME. PERFORMANCE BASED ON A.S.H.R.A.E. 52.1-1992 TEST METHOD. CLASSIFIED AS A UL CLASS 2 FILTER, ACCORDING TO UL STANDARD 900 AND CAN 4-S111.

**MAIN MEDIA FILTER (STAGE 2):** 24" X 24" X 6". "HEPA MAX 3000" HIGH EFFICIENCY PARTICULATE AIR FILTER. DOP TESTED WITH 0.3 MICROMETER SIZED PARTICLES TO HAVE A MINIMUM EFFICIENCY OF UP TO 95% AND EXCEEDS THE MAXIMUM EFFICIENCY OF 98% ASHRAE 52.1 TESTED FILTERS. CONSISTS OF A PLEATED MEDIA PACK ENCLOSED WITHIN A GALVANIZED STEEL FRAME ASSEMBLY. ULTRA-FINE FIBERGLASS MEDIA FORMED IN A SERIES OF PLEATS SEPERATED BY CORRUGATED ALUMINUM DIVIDERS TO MAINTAIN UNIFORM SPACING BETWEEN EACH PLEAT FOR OPTIMAL AIRFLOW. CLASSIFIED CLASS 2 ACCORDING TO U.L. STANDARD 900 AND IS CLASSIFIED MERV 16 IN ACCORDANCE WITH ASHRAE STANDARD 52.2. FOR INSTALLATION SAFETY, TOTAL WEIGHT NOT TO EXCEED 16 LBS.

**GAS-PHASE EXTRACTOR (STAGES 3&4):** ONE 24" X 24" X 4", "MULTISORB 3000" BLENDED GAS PHASE EXTRACTOR. 50/50 RESPIRATOR GRADE ACTIVATED CARBON GRANUALS EFFECT FOR REMOVAL OF HIGH WEIGHT MOLECULAR GASES WITHIN DIESEL EXHAUST (VOC'S, HYDROCARBONS, BENZENE, OCTANE, METHANOL AND MORE) AND POTASSIUM PERMANGANATE FOR REMOVAL OF LIGHT WEIGHT MOLECULAR GASES (SULFUR DIOXIDE, NITROGEN DIOXIDE, FORMALDEHYDE AND MORE). EACH FILTER IS CONSTRUCTED WITHIN A 24ga METAL FRAME WITH INTERNAL "HONEYCOMB" CONTAINMENT STRUCTURE. 50/50 BLEND EQUATES TO 14 LBS EACH. FOR INSTALLATION SAFETY, TOTAL WEIGHT NOT TO EXCEED 28 LBS.

**CABINET CONSTRUCTION:** 18 & 16 GAUGE, ALL WELDED STEEL CONSTRUCTION. 25" X 26" X 28" CUSTOM GRAY POWDER COAT PAINT FINISH. **TWO HINGED ACCESS PANELS:** ONE, TO THE FILTER BANK AND THE OTHER TO THE MOTOR/BLOWER UNIT. A "DWYER" MAGNEHELIC STATIC PRESSURE GAGE, ALLOWS USER TO VISUALLY CHECK ON THE STATUS OF THE FILTER BANK. **FOUR HORIZONTAL & ADJUSTABLE AIRFLOW GRILLS.** "QUICK LATCH" FILTER COMPARTMENT WHICH IS CAPABLE OF HOLDING UP TO 15" OF FILTRATION!

**ELECTRICAL:** 3/4 H.P., 1725 RPM, 115 VOLT SINGLE PHASE ELECTRIC MOTOR, 13.6 F.L. AMP., RESILIENT MOUNT, AUTOMATIC THERMAL PROTECTION. ELECTRIC MOTOR, RESILIENT MOUNT. ALL MOTORS ARE UL APPROVED. **OPTIONS:** UNITS AVAILABLE @ 230 VOLT, SINGLE PHASE, 6.8 F.L. AMP, ADD \$75 EA. UNIT, SINGLE PHASE MOTOR USABLE @ 208-230 VOLT. 7.0 F.L. AMP. ADD \$115 EA UNIT, THREE PHASE 1 HP - @ 208-230/460 Volt, 3.4-3.6/1.8 F.L. AMPS, ADD \$255 EA. UNIT; TO BASE QUOTE.

**BLOWER:** CONTINENTAL CENTRIFUGAL IMPELLER AND FUNNEL CONE. NON-METAL & CHEMICALLY RESISTANT.

**AVEC CONTROL PANEL:** UL 508 CERTIFIED CUSTOM "AUTOMATIC VEHICLE EXHAUST CONTROL", MULTI-CIRCUIT AUTOMATIC RESET TIMER CONTROL. TWO CIRCUIT CONFIGURATIONS RATED AT 20 AMPS PER. TIMING RANGE OF .1 TO 120 MIN. ENCLOSED WITHIN A NEMA-4 RATED ENCLOSURE, NECESSARY FOR APPLICATIONS WHERE WATER IS PRESENT (WASHING OF VEHICLES). MANUAL THREE POSITION SWITCH FOR: AUTO MODE, SYSTEM OFF & SYSTEM RUN OVERRIDE. LED "OPERATING" LIGHT.

**AUTOMATIC ACTIVATION SWITCHES:** (SEE ENCLOSURES) PHOTO ELECTRIC EYES ACTIVATE SYSTEM UPON VEHICLE MOVEMENT (OUTDOOR RANGES OF UP TO 200') AND MAGNETIC DOOR SWITCHES (ONE PER OVERHEAD DOOR).

**INSTALLATION: (IF APPLICABLE)** "TURN KEY" AN ADDITIONAL CHARGE MAY APPLY IF THE LOCATION OF INSTALLATION DOES NOT HAVE SUFFICIENT ELECTRICAL CAPACITY TO INSTALL THE AIRVAC 911®, SYSTEM. (E.G.- 1 OPEN 20 AMP BREAKER PER UNIT + 1 FOR THE CONTROL PANEL). AVC PRICING DOES NOT INCLUDE THE COST OF ANY PERMITS, LICENSING FEES, REGISTRATION FEES, SALES/USE TAXES OR OTHER FEES THAT MAY BE REQUIRED UPON INSTALLATION AND BY PLACING AN ORDER WITH AVC THE BUYER IS RESPONSIBLE FOR ALL ADDITIONAL FEES AND ITEMS OTHER THAN WHAT HAS BEEN QUOTED. IN ADDITION TO, ANY INSTALLATION REQUESTS OTHER THAN "STANDARD"; SEISMIC OR VIBRATION MOUNTING HARDWARE, LOW VOLTAGE WIRING WITHIN CONDUIT, PAINTING OF CONDUIT, RECESSED CONTROLS/DEVICES, BURIED CONDUIT, RADIANT HEAT SHIELDING, REMOVAL OF EXISTING PRODUCTS ETC. MAY ALSO REQUIRE ADDITIONAL PRICING. NON GSA SCHEDULE ITEM



The World Leader In Engine Exhaust Removal Systems for the Fire and EMS Industry

**PROPOSAL – AIRVAC 911® ENGINE EXHAUST REMOVAL SYSTEM**

THE SALE OF "AIR VAC-911"®, ENGINE EXHAUST AIR FILTRATION SYSTEM, BY AIR VACUUM CORPORATION OF DOVER N.H., FOR REMOVAL OF HAZARDOUS EMISSIONS FROM FIRE, RESCUE, TRUCKING, AND OTHER HEAVY EQUIPMENT FLOOR AREAS.

August 27, 2018

Chief John Murphy  
 Scituate Fire Department  
 Scituate, MA  
[jmurphy@scituatema.gov](mailto:jmurphy@scituatema.gov)

DESCRIPTION	QUANTITY	UNIT COST	TOTALS
AIR VAC-911 EXHAUST REMOVAL SYSTEM - Single Ph. 115V	2	\$3,550.00	\$7,100.00
AIR VAC-911 FILTER PACK (4-Stage Filter Pack, "Main Filters")	2	\$390.00	\$780.00
AIR VAC-911 FILTER GAUGE (Min. one per building section)	1	\$120.00	\$120.00
UL 508A CERTIFIED CONTROL PANEL - AVEC-2C	1	\$830.00	\$830.00
ACTIVATION PACKAGE - PB30TK 200' PHOTO EYE (set) &	1	\$245.00	\$245.00
N505A UTM/STX01 TRACK MOUNTED DOOR SWITCH	2	\$44.00	\$88.00
PREFILTERS (12 Per Box/Case)	12	\$8.25	\$99.00
* ESTIMATED INSTALLATION "TURN-KEY" & DELIVERED	2	\$1,595.00	\$3,190.00
**"Non-Schedule Item"			<b>\$12,452.00</b>

The AIRVAC 911® system is provided with a FIVE YEAR WARRANTY on ALL components (excluding consumable filters)

◆ *FREIGHT: FOB Origin,* ◆ **TERMS: 1/2 Payment with the order & final payment prior to release..** ◆ *Lead-Time 8 to 10 weeks.* ◆ Buyer is responsible for all permits, permit fees, State/local licensing fees and applicable taxes related to the purchase of product, shipping and installation or must provide all necessary tax-exempt certificates; state, local and/or county to Air Vacuum Corporation. ◆ Air Vacuum Corp does not provide any seismic mounting or vibration isolation mounts ◆ Governmental Purchases please consult your sales rep for GSA price list. Pricing valid for 90 days



MEETS 2018 EDITION NFPA 1500 10-1.5, OSHA, NIOSH, FEMA & MORE



Estimate for Chief John Murphy

<b><u>Demo</u></b>	\$ 25,000.00
Graham Waste, remove all exterior siding, windows trim	
Remove all interior walls, trim and flooring	
<b><u>Plumbing</u></b>	\$ 38,000.00
Plumbing, new bath, handicap bath and kitchen heat	
<b><u>Insulation</u></b>	\$ 5,500.00
Spray open cell foam in all exterior walls and ceiling	
Closed cell foam under the first floor	
<b><u>Windows</u></b>	\$ 6,750.00
15 Anderson tilt wash windows	
<b><u>Exterior Trim</u></b>	\$ 16,000.00
All exterior trim will be 145 Kleer vinyl 1x8 soffit fascia	
<b><u>Roof</u></b>	\$ 7,350.00
14 square roof @ 525/sq.	
<b><u>Flooring</u></b>	\$ 19,200.00
2400 sq. ft. at \$8.00 per square foot, includes the kitchen and bathroom floors	
Plaster and Blue board	\$ 12,800.00
½ blue board skim coat plaster	
all smooth walls and ceiling	
<b><u>Framing</u></b>	\$ 10,800.00
Frame 2 bedrooms and weight room where old bay was	
<b><u>Interior Trim</u></b>	\$ 2,500.00
Trim and baseboard	
<b><u>HVAC</u></b>	
Cooling	\$8,000.00
<b><u>Electrical</u></b>	
200 amp service	\$15,000.00
<b><u>Sprinklers System</u></b>	
13R residential sprinkler	\$15,000.00
<b><u>Kitchen</u></b>	\$ 19,000.00
Small kitchen with counter and sink	
4 upper cabinets and 5 lower cabinets	
<b><u>Misc. Rott</u></b>	\$ 15,000.00
Fix any floor joist that are rotten from years of flooding	
<b><u>Exterior doors</u></b>	\$ 1,650.00
3 Exterior 9 lite fiberglass doors	
<b><u>Interior doors</u></b>	\$ 1,350.00
6 6 panel solid core doors	
<b><u>Raise Building:</u></b> move to side & return	\$ 20,000.00
<b><u>Pile Drive</u></b>	\$ 44,050.00
Trailer rental \$1,600/mo 6months	\$9,600.00
<b><u>TOTAL</u></b>	\$292,550.00
<b>Total w/10% contingency: \$30,000</b>	<b>\$322,550.00</b>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/2018

Date of Last Edit: 9/27/2018

Project Number:	2020-220-03		
Project Title:	Replace 2005 Administrative vehicle		
Category:	Vehicle Replacement		
Department:	Fire Dept.	Contact:	Chief John Murphy

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New [ ]	Recurring [ X ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

**Description:**

To replace a 2005 Fire Administration vehicle. This vehicle is a 2005 Chevy Tahoe with 129,000 (city) miles driven. This vehicle is driven by the Deputy on emergency calls, administrative use, and daily inspections.

**Benefits of Project and Impact if Not Completed:**

Historically the administrative vehicles have been replaced on a 10-12 year rotation. In FY20 this vehicle will be 14 years old with an estimated 142,000 city miles which tends to increase wear and tear compared to highway miles. Older vehicles have the tendency to break down more which could present a public safety challenge during an emergency event.

**Discuss Operating Budget Impact:**

Vehicles over 10 years old in excess of 100,000 miles on them may not be cost effective to maintain as the cost of repairs can exceed the value of the vehicle. A recent inspection of this vehicle showed substantial rust issues on bumpers and especially the under carriage. The estimate for the vehicle is \$37,912.76. The estimates from my mechanic for equipment are: Lights & Siren Package \$2,913, 2 UHF radio's \$2000, Command console \$6000. Total \$48,825.76.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		FY2020	FY2021	FY2022	FY2023	FY2024	<input type="checkbox"/> Tax Levy	<input type="checkbox"/> Debt
Study/Design	\$0						<input type="checkbox"/> Enterprise Retained Earnings	
Land Acquisition	\$0						<input checked="" type="checkbox"/> Capital Stabilization	
Construction	\$0						<input type="checkbox"/> Free Cash	
Equipment/Furnishings	\$48,825	\$48,825					<input type="checkbox"/> Revolving Fund	
Contingency	\$0						<input type="checkbox"/> CPA	
Other	\$0						<input type="checkbox"/> Grant(s) or Other	
<b>TOTAL</b>	<b>\$48,825</b>	<b>\$48,825</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

Grant Amount Requested	\$0						
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$48,825</b>	<b>\$48,825</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

- CPA Purpose(s)**  
Check all that apply
- Open Space
  - Recreation
  - Historical
  - Housing

**Operating Budget Impact**

During Project	\$0						
Post-Project Annual							
Post-Project One-time	\$0						

F419-030-5

Use one quote form per speced out vehicle. Only multiples of the same speced out vehicle can be included in each form. For options/upfits/transferred equip., each line item must be fully populated.

VEH98 Quotation Form V.1.2



Quote Date: 10/23/2017

Order by Date:

Quote Number: 12/12/1900

AGENCY INFORMATION	
Agency:	Town of Scituate
Secretariat:	
Department Name:	Scituate Fire Department
Address:	149 1st Parish Rd. Scituate Ma. 02066
Contact Name:	Lt. Eric Norlin
Phone:	781-831-0512
Email:	enorlin@scituatema.gov
Unit Code (Billing):	

VENDOR INFORMATION	
Vendor Name:	Mirak Chevrolet
Address:	1125 Massachusetts Ave, Arlington
Contact Name:	Jeff Calder
Phone:	781-641-6855
Email:	jcalder@mirak.com
Vehicle Coming From:	Dealer Inventory/Stock
(check one box)	<input checked="" type="checkbox"/> Factory Order
	Already on order for dealer inventory

VEHICLE INFORMATION	
VEH98 Vehicle #:	SUV037
Year:	2018
Make:	Chevrolet
Model:	4WD SSV Tahoe
Trim Level:	FL
Body Code:	CK15706 / 5W4
*In case of minibid or vehicle upfit only, type in "Mini-bid" or "Upfit".	
Vehicle Quantity:	1
Exterior Color:	GBA Black
Interior Color:	HOU Black Cloth Seat Trim
Engine (as quoted):	L83
Cylinders:	8
Primary Fuel Type:	UL Gas
Secondary Fuel Type:	
Contract Base Vehicle Price:	\$40,659.64

ADDED FACTORY OPTIONS AND PACKAGES (PER VEHICLE)						
Quantity per Vehicle	Factory Code	Description	MSRP	Discount	Contract Unit Price	Total Per Vehicle
	CK15706	4WD Tahoe				
	L83	5.3L V8				
	MYC	6 Speed Automatic Transmission				
	1FL	Commercial Equipment Group				
1	5W4	Special Service Vehicle	(\$4,110.00)	7.20%	(\$3,814.08)	(\$3,814.08)
	RKX	18" All Season Tires				
1	PZX	18" Aluminum Wheels	\$600.00	7.20%	\$556.80	\$556.80
1	A95	Front Bucket Seats	\$250.00	7.20%	\$232.00	\$232.00
1	6J7	Flasher System	\$495.00	7.20%	\$459.36	\$459.36
1	BTV	Remote Start	\$300.00	7.20%	\$278.40	\$278.40
Factory Options Total (per vehicle):						(\$2,746.88)

QUOTE FORM SUMMARY			
Vehicle leadtime to Dealer (once order placed):	Approx. 10 -12 weeks	Factory Options (per vehicle):	(\$2,746.88)
Upfit/Equip. Work Leadtime at Dealer:		Accessories/Upfit (per vehicle) from back:	\$0.00
TOTAL Order to Delivery Leadtime (in weeks, Executive agencies to Westborough):		Transferred Equipment (per vehicle) from back:	\$0.00
Trade-In Information (does not apply to Executive agencies):		Contract Base Vehicle Price:	\$40,659.64
		Trade-In value:	
TOTAL COST PER VEHICLE (including all add-ons):			\$37,912.76
VEHICLE QUANTITY:			1
TOTAL PURCHASE PRICE (including trade in value if applicable):			\$37,912.76

F419-220-3

**Eric Norlin**

---

**From:** Mari-beth Paglinco <mbpaglinco@comcast.net>  
**Sent:** Tuesday, October 24, 2017 12:24 PM  
**To:** Eric Norlin  
**Subject:** RE: Scituate MA Quote

HI Eric,  
See below.

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**From:** Eric Norlin [mailto:enorlin@scituatema.gov]  
**Sent:** Tuesday, October 24, 2017 12:09 PM  
**To:** Mari-beth Paglinco  
**Subject:** Scituate MA Quote

**Mari-beth any chance I can get a quote for the following. We are spec a new vehicle**

1X45UFZ \$1036.00 LIST \$621.60 COST  
OELS45 \$1069.00 LIST \$641.40 COST  
M4# RED LED LIGHTS (2) M4CT15B \$234.00 LIST \$140.40 COST WITH TAHOE BRACKETS M4CT15B \$71.00  
LIST \$42.60 COST  
CCSRN36 \$1396.00 LIST \$837.60 COST  
(2) SA315P \$328.00 COST \$196.80 COST W/ BRACKETS FOR 2017 TAHOE SAK62D DRIVER SIDE  
MOUNT SAK63P PASS SIDE MOUNT \$41.00 LIST \$24.60.COST

Eric Norlin  
Lieutenant/ Mechanic  
Scituate Fire Department  
781-545-8748  
Cell 781-831-0512

\$ 2,913 lights/siren  
2000 Radios  
6,000 Console  
10,913 Total 48,825.76

Please remember when writing or responding that the Secretary of State's Office has determined that email is a public record and all e-mail communications sent or received by persons using the Town of Scituate network may be subject to disclosure under the Massachusetts Public Records Law (M.G.L. Chapter 66, Section 10) and the Federal Freedom of Information Act.



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2018 - FY2022

Date submitted: 11/9/16

Date of Last Edit:

Project Number:	2019-220-2	
Project title	Ref Refurbish 2006 Rescue Pumper	
Category	Vehicle replacement	
Department	Fire Dept.	Chief John Murphy

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multyear  phase 1 of 1

Description:

The refurbishing of the 2006 Rescue Pumper for FY19 is approximately the half life of a pumper. The vehicle would be repainted, rust removed, recondition the pump, generator, electrical, and the lighting systems. All doors and gaskets would be repaired and any other maintenance issue would be taken care of.

Benefits of Project and Impact if Not Completed:

The refurbishment of this pumper would ensure it is capable of responding to emergencies for another 12 years. It would reduce breakdowns and more costly repairs in the future. With the addition of modern electronics and computers in these pumpers the salt air environment can cause more problems for most operations these vehicles provide. This is the 2nd priority project for FY19.

Discuss Operating Budget Impact:

This refurbishing will reduce the long term maintenance costs and be sure this front line apparatus is reliable on a daily basis for any emergency call. If this is not done the apparatus will likely be out of service periodically and cost more to repair and maintain long term.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2018	FY2019	FY2020	FY2021	FY2022
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$75,000		\$75,000			
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$0	\$0	\$0	\$0	\$0	\$0
<b>Operating Budget Impact</b>						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2018 - FY2022

Date submitted: 11/9/16

Date of Last Edit:

Project Number: 2019-220-4  
 Station overhead door replacement Station 1 & 4  
 Category: Equipment  
 Fire Chief John Murphy

Department Priority:  
 Urgent/Legally Required  
 Maintain Service  
 Enhancement

Project is: New [X] Recurring [ ] Resubmission [ ]  
 Multiyear [ ] Phase \_\_\_ of \_\_\_

Description:

The request to replace the aging overhead doors at Station 1 & 4 will provide a reliable system of doors to operate safely & effectively when emergency apparatus are dispatched. These new doors will provide a secure, weathertight, & most important, a set of reliable doors when needed. The current door system is approximately 20 years old and in need of replacement. Our current door provider recommends replacement of emergency apparatus doors to be replaced on a 15 year cycle and non-emergency doors on a 20 year cycle.

Benefits of Project and Impact if Not Completed:

The project will provide a secure building when not occupied when all apparatus are dispatched. The existing doors have air gaps & missing weatherstripping which could allow a potential intruder to pry a door open & access our firestation when apparatus are on a run. The weather stripping is falling in many areas and does allow the cold air in through some spaces. One motor was just replaced because the vendor could not find parts to repair the old motor. This new system would be weather tight and more efficient saving heating costs. If this project is not completed in the near future the inefficiencies and reliability will only worsen.

Discuss Operating Budget impact:

The Station 1 apparatus bay is 7500 s/f (75x100) and Humarock Station 4 is 675 s/f (15x45) and is costly to keep these large areas heated in the winter months. The heating costs are rising and it is important to have doors that are weather tight and will operate in extreme weather conditions. The efficiency will reduce the burden on my heating costs for Station 1 & Station 4. The maintenance costs have been rising as these doors age, currently this year it is in excess of \$3000 to date. The cost to replace each door & associated equipment is \$3000. There are 10 doors at Station 1 and 2 doors at Station 4. The total cost for 12 doors would be \$36,000.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2018	FY2019	FY2020	FY2021	FY2022
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$36,000		\$36,000			
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$36,000</b>	<b>\$0</b>	<b>\$36,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy  
 Debt  
 Enterprise Retained Earnings  
 Capital Stabilization  
 Free Cash  
 Revolving Fund  
 CPA  
 Grant(s) or Other

Grant Amount Requested	\$0				
CPA Amount Requested	\$0				
Net of CPA and Grants		\$0		\$0	\$0

CPA Purpose(s)  
Check all that apply

Open Space  
 Recreation  
 Historical  
 Housing

Operating Budget Impact

During Project	\$0
Post-Project Annual	-\$1,200
Post-Project One-time	\$0

# COASTAL OVERHEAD DOOR

P.O.Box 523  
Scituate, MA 02066  
Sales • Service • Installation

## Estimate

Date	Estimate #
11/11/2016	16496
Rep	RW

Name / Address
Town of Scituate Kevin Kelly, 600 Chief Justice Cushing Hwy Scituate, MA. 02066

Ship To
Scituate Fir Dept attn John Murphy 146 First Parish Rd. Scituate Ma

Description	Qty	Total
12-2 x 14' 1 3/4 thick insulated steel doors r-value=16.9 with new track hardware and weather stripping	10	16,932.00T
add clear glass full view sections add 125.00 per section		0.00T
remove and dispose of existing doors, install new overhead doors as described above	1	675.00
LiftMaster Trolley Drawbar Electric Operator	6	4,860.00T
1/2 HP Motor, 120Volt, 1 Phase		
Equipped with Emergency Disconnect, Interlock, 3 Button Surface Mount Control Station and Photo Eye Sensor System.		
install operator as described above	1	425.00
Station 4		
10-2 x 12' 1 3/4 thick insulated steel doors r-value=16.9 with new track hardware and weather stripping	2	2,440.80T
add clear glass full view sections add 125.00 per section		0.00T
remove and dispose of existing doors, install new overhead doors as described above	2	892.80

**Subtotal** \$26,225.60

**Sales Tax.** \$0.00

**Total** \$26,225.60

Terms Net 15

THIS PROPOSAL IS SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS

FOB

By initialing these Terms you acknowledge they have been read and accepted as part of this contract.

1. Proposal is valid for 30 days from above date unless otherwise noted. ( )Initial
2. The items listed to be furnished and installed are contingent upon delays beyond the sellers control. ( )Initial
3. Taxes are included, and will be invoiced unless a Tax Exempt Certificate is supplied. ( )Initial
4. Invoiced Final Payments are DUE UPON RECEIPT, unless prior Terms have been made and agreed to in writing by both parties. ( )Initial

Acceptance of proposal: \_\_\_\_\_

Date: \_\_\_\_\_

Phone #

781-545-1142

Fax #

781-843-3666



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2019 - FY2023

Date submitted: 10/18/17

Date of Last Edit:

Project Number:	2021-220-1	
Project Title:	Command Vehicle 2010 Replacement	
Category:	Equipment	
Department:	Fire	Contact: Chief Murphy

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

Description:

Replace 2010 command vehicle.

Benefits of Project and Impact if Not Completed:

The Department's replacement schedule calls for the command vehicle to be replaced every six years. This vehicle runs 24/7 and responds to every call.

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$50,000			\$50,000			<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$50,000	\$0	\$0	\$50,000	\$0	\$0	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$50,000	\$0	\$0	\$50,000	\$0	\$0

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



Car 3-0

Prepared By:  
DAVE DICICCIO  
MIRAK AUTOMOTIVE GROUP  
1125 MASSACHUSETTS  
ARLINGTON, MA 02476  
Phone: (781) 641-6821  
Fax: (781) 643-9618  
Email:  
DDICICCIO@MIRAK.MOTOSNAP.COM

2013 Fleet/Non-Retail Chevrolet Tahoe 4WD 4dr 1500 Commercial

**WARRANTY INFORMATION**

WARRANTY INFORMATION - 2013 Fleet/Non-Retail CK10706 4WD 4dr 1500 Commercial

WARRANTY  
Basic:  
3 Years/36,000 Miles  
  
Drivetrain:  
5 Years/100,000 Miles  
  
Corrosion:  
3 Years/36,000 Miles  
Rust-Through  
6 Years/100,000 Miles  
  
Roadside Assistance:  
5 Years/100,000 Miles

**STANDARD EQUIPMENT**

STANDARD EQUIPMENT - 2013 Fleet/Non-Retail CK10706 4WD 4dr 1500 Commercial

**ENTERTAINMENT**

- Audio system, AM/FM stereo with MP3 compatible CD player seek-and-scan, digital clock, auto-tune control, Radio Data System (RDS), speed-compensated volume, TheftLock and auxiliary audio input jack
- Audio system feature, 6-speaker system (With (5W4) Identifier for Special Service vehicle, includes 8-speaker system)
- SiriusXM Satellite Radio, delete

**EXTERIOR**

- Wheels, 4 - 17" x 7" (43.2 cm x 17.8 cm) steel
- Tires, P265/70R17 all-season, blackwall
- Wheel, 17" (43.2 cm) full-size, steel spare
- Tire carrier, lockable outside spare wheel-type mounted underframe at rear
- Tire, spare P265/70R17 all-season blackwall
- Luggage rack side rails, roof-mounted, Black
- Fascia, front color-keyed
- Fascia, rear color-keyed
- Assist steps, Black
- Headlamps, dual halogen composite with automatic exterior lamp control and flash-to-pass feature
- Mirrors, outside heated power-adjustable, manual-folding (Mirror caps are Black.)
- Glass, Solar-Ray deep-tinted (all windows except light-tinted glass on windshield and driver- and front passenger-side glass)
- Wiper, rear intermittent with washer
- Door handles, Black
- Liftgate with liftglass rear door system with rear-window wiper/washer

**INTERIOR**

- Seats, front 40/20/40 split-bench, 3-passenger, driver and front passenger manual reclining, center fold-down armrest with storage, lockable storage compartments in seat cushion (Includes auxiliary power outlet), adjustable outboard head restraints and storage pockets (With vinyl seats also includes (AM1) driver manual lumbar control. With vinyl seats requires (19V) Ebony vinyl and (BG9) Black rubberized-vinyl floor covering)
- Seats, second row 60/40 split-folding bench, 3-passenger with center armrest with 2 cup holders (Vinyl seats included and only available with (AZ3) front 40/20/40 vinyl split-bench seats, SE0 (5T6) second and third row vinyl with front cloth seats or (9S1) seats, driver and passenger front, individual seats in vinyl trim.)
- Seat adjuster, driver 6-way power
- Seats, third row 50/50 split-bench, 3-passenger removable, all-belts-to-seat
- Headliner, cloth
- Floor covering, Black rubberized-vinyl
- Steering column, Tilt-Wheel, adjustable with brake/transmission shift interlock
- Steering wheel, vinyl
- Steering wheel controls, mounted cruise controls
- Instrumentation, analog with speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature, oil pressure and tachometer (With (5W4) Identifier for Special Service vehicles, includes 120 mph speedometer and engine hour meter.)
- Warning tones headlamp on, key-in-ignition, driver and right-front passenger safety belt unfasten and turn signal on
- Windows, power with driver Express-Down and lockout features
- Door locks, power programmable with lockout protection (With (5W4) Identifier for Special Service vehicle, Auto Lockout is disabled on Driver door.)
- Remote vehicle starter prep package includes Remote Keyless Entry (Remote vehicle starter fob available as a Chevy Accessory.)
- Cruise control, electronic with set and resume speed
- Theft-deterrent system, vehicle PASS-Key III

SELECTED OPTIONS - 2013 Fleet/Non-Retail CK10706 4WD 4dr 1500 Commercial

CATEGORY		MSRP
Code	Description	
SUSPENSION PKG		
ZW7	SUSPENSION PACKAGE, PREMIUM SMOOTH RIDE (STD)	\$0.00
EMISSIONS		
NE1	EMISSIONS, CONNECTICUT, MAINE, MARYLAND, MASSACHUSETTS, NEW JERSEY, NEW YORK, OREGON, PENNSYLVANIA, RHODE ISLAND, VERMONT AND WASHINGTON STATE REQUIREMENTS	\$0.00
ENGINE		
LMG	ENGINE, VORTEC 5.3L V8 SFI FLEXFUEL with Active Fuel Management, capable of running on unleaded or up to 85% ethanol (with gas - 320 hp [238.8 kW] @ 5400 rpm, 335 lb-ft of torque [452.2 N-m] @ 4000 rpm, with E85 ethanol - 326 hp [243.1 kW] @ 5300 rpm, 348 lb-ft of torque [469.8 N-m] @ 4400 rpm), Iron block (STD)	\$0.00
TRANSMISSION		
MYC	TRANSMISSION, 6-SPEED AUTOMATIC, ELECTRONICALLY CONTROLLED with overdrive and tow/haul mode (STD)	\$0.00
AXLE		
GU8	REAR AXLE, 3.42 RATIO (Included and only available with (K6L) Heavy-Duty Trailing Package.)	INC
PREFERRED EQUIPMENT GROUP		
1FL	COMMERCIAL PREFERRED EQUIPMENT GROUP Includes Standard Equipment	\$0.00
WHEEL TYPE		
P46	WHEELS, 4 - 17" X 7.5" (43.2 CM X 19.1 CM) ALUMINUM, 5-SPOKE with smooth surface and rectangular pockets	\$375.00
TIRES		
QGJ	TIRES, P265/70R17 ALL-SEASON, BLACKWALL (STD)	\$0.00
PAINT SCHEME		
ZY1	SOLID PAINT	\$0.00
PAINT		
41U	BLACK	\$0.00
SEAT TYPE		
AZ3	SEATS, FRONT 40/20/40 SPLIT-BENCH, 3-PASSENGER, DRIVER AND FRONT PASSENGER MANUAL RECLINING, CENTER FOLD-DOWN ARMREST with storage, lockable storage compartments in seat cushion (Includes auxiliary power outlet), adjustable outboard head restraints and storage pockets (STD) (With vinyl seats also includes (AM1) driver manual lumbar control. With vinyl seats requires (19V) Ebony vinyl and (BG9) Black rubberized-vinyl floor covering)	\$0.00
SEAT TRIM		
19C	EBONY, PREMIUM CLOTH SEAT TRIM	\$0.00
RADIO		
US8	AUDIO SYSTEM, AM/FM STEREO WITH MP3 COMPATIBLE CD PLAYER seek-and-scan, digital clock, auto-tone control, Radio Data System (RDS), speed-compensated volume, TheftLock and auxiliary audio input jack (STD)	\$0.00
ADDITIONAL EQUIPMENT		
5W4	IDENTIFIER FOR SPECIAL SERVICE VEHICLE. Utilized to identify a vehicle as a police/fire special service vehicle for marketing, order-build process and emission certification purposes (Must be specified.) *CREDIT	-\$5,710.00
K5L	TRAILERING PACKAGE, HEAVY-DUTY Includes (KNP) auxiliary external transmission oil cooler and (KC4) engine oil cooler, provides increased trailering capabilities (Includes (GU8) 3.42 ratio rear axle. Required with (JL1) trailer brake controller.)	INC
6J1	IGNITION 100-amp main power supply wiring at instrument panel and trunk cargo area. (Requires (5W4) Identifier for Special Service vehicle.)	INC
KNP	COOLING, AUXILIARY TRANSMISSION OIL COOLER, HEAVY-DUTY AIR-TO-OIL (Included and only available with (K5L) Heavy-Duty Trailing Package.)	INC
KC4	COOLING, EXTERNAL ENGINE OIL COOLER, HEAVY-DUTY AIR-TO-OIL, INTEGRAL TO DRIVER SIDE OF RADIATOR (Included and only available with (K5L) Heavy-Duty Trailing Package.)	INC
K47	AIR CLEANER, HIGH-CAPACITY	INC
NQH	TRANSFER CASE, ACTIVE, 2-SPEED ELECTRONIC AUTOTRAC with rotary controls, Includes neutral position for dinghy towing. (Requires 4WD models. Included with (K5L) heavy-duty trailering package.)	INC
---	BATTERY, 660 COLD CRANKING AMPS with 80 amp hour rating (Requires (5W4) Identifier for Special Service vehicle.)	INC
---	KEY, SINGLE, 2-SIDED (Requires (5W4) Identifier for Special Service vehicle.)	INC
---	LUGGAGE RACK, DELETE (Requires (5W4) Identifier for Special Service vehicle.)	INC
---	WIPERS, FRONT INTERMITTENT WET-ARM with flat blade and pulse washers (Requires (5W4) Identifier for Special Service vehicle.)	INC
UN9	RADIO SUPPRESSION, BRAIDED BRASS STRAPS attached to various body locations (Requires (5W4) Identifier for Special Service vehicle.)	INC
ATD	SEAT DELETE, THIRD ROW PASSENGER (Requires a fleet or government order type.) *CREDIT*	INC
UT7	GROUND STUDS, AUXILIARY 2 per vehicle in the rear compartment (Requires (5W4) Identifier for Special Service vehicle.)	INC
UE0	ONSTAR, DELETE *CREDIT*	INC
---	SAFETY BELTS, 3-POINT, DRIVER AND FRONT PASSENGER IN ALL SEATING POSITIONS (Requires (5W4) Identifier for Special Service vehicle.)	INC
SHIP THRU CODES		
VPV	SHIP THRU, PRODUCED IN ARLINGTON ASSEMBLY AND SHIPPED TO KERR INDUSTRIES AND ONTO ARLINGTON ASSEMBLY (MSRP = \$130.00)	INC
SPECIAL EQUIPMENT OPTIONS		
575	SEATS, REAR VINYL WITH FRONT CLOTH SEATS Provides vinyl rear seats and cloth front seats (Requires interior trim code (19C) Ebony and RPO (AZ3) front 40/20/40 split-bench with premium cloth seats or RPO (A95) front bucket with premium cloth seats.)	INC



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2018 - FY2022

Date submitted: 11/9/16

Date of Last Edit:

Project Number:	2019-220-3		
Project Title:	Replace 1995 Forest truck and 1985 Squad hazmat vehicle		
Category:	Vehicle replacement		
Department:	Fire Dept.	Contact:	Chief John Murphy

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multyear  Phase 1 of 1

Description:

This vehicle purchase will replace the function of two fire department vehicles. It will replace a 1995 Dodge Ram forest truck with 46,375 miles and a Squad pumper that was traded in for our new Ladder truck in December of 2014. The squad was set up as our hazmat response vehicle and we no longer have a hazmat response vehicle. We currently store most of our hazmat equipment at station 1 and will

Benefits of Project and Impact if Not Completed:

The Squad was set up as our hazmat response vehicle and we no longer have initial hazmat response capability. We currently store our hazmat equipment at Station 1 and will pack it on our dive truck for an emergency response. Having this combination vehicle will improve our service with an initial hazmat response vehicle and improve our forest fire response with a more dependable vehicle. This vehicle should support the fire department for 15 to 20 years.

Discuss Operating Budget Impact:

This new vehicle will reduce the long term maintenance of a forest truck that will be 23 years old in FY19 and a vehicle that has been retired for 3 years.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2018	FY2019	FY2020	FY2021	FY2022
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$75,000		\$75,000			
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$0	\$0	\$0	\$0	\$0	\$0

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



November 30, 2013

Scituate Fire  
Attn: Eric Norlan

781.831.0512 ph  
fax  
enorlan@scituatefire.org email

Please find below a quote for (1) 2014 Ford F350 Utility Body SRW 4WD per the Plymouth County Commissioner's Procurement Contract # PCC-121314. M.G.L. c.30B applies to the procurement of all commodities quoted. Contract items have been collectively purchased pursuant to M.G.L. c.30B sec. 1c and M.G.L. c.7 sec. 22B. The governmental body is responsible to determine the applicability of M.G.L. c.30B to off contract items, including but not limited to, off contract items that have already been properly procured under M.G.L. c.30B sec. 1c and M.G.L. c.7 sec. 22A (purchases from a vendor on contract with the Commonwealth), other contracts procured under M.G.L. c.30B sec. 1c and M.G.L. c.7 sec. 22B or any M.G.L. c. 30B contract between the vendor and the jurisdiction. All off contract items must be procured under M.G.L. c. 30B.

Item#	Description	Price	Notes
12-16/H1.04G	2014 Ford F350 4x4 pickup per contract spec	\$25,890.00	
1.14d	Extended Cab for 10,400 # GVWR Truck	\$3,457.00	
	Color : (F1) Vermillion Red	Included	
1.00	6.7L V8 Diesel Engine	\$7,495.00	
	6 speed automatic transmission	Included	
	Snow plow prep package	Included	
	Air conditioning	Included	
	AM/FM stereo w/Digital Clock	Included	
	40/20/40 Vinyl split bench seat	Included	
	Class III/IV 2" receiver hitch	\$125.00	
1.01A	All terrain tires - SRW	\$185.00	
1.16	Electronic Shift 4WD	\$370.00	
1.28	Factory Cab Steps	\$895.00	
1.17	Power Windows, Mirrors (heated), & Locks	\$6,595.00	F1
6.01	98" steel utility body - Omaha Standard Body	\$1,295.00	F1
6.04	2 Stage (Base + Clear) Paint for Service Body	\$790.00	
12.08	RhinoLiner - Spray On Bed Liner (bed & compartment tops)	\$330.00	
2.61 (2)	LED Flood Lights on sides of rear hitch	\$175.00	
10.15	7 way RV Blade Style trailer plug	\$88.00	
2.17	Back Up Alarm	\$50.00	
C2.07	Whelen UHF2160A Wig-Wag Headlight Flasher	\$2,085.00	red
C1.03	Whelen LFL Liberty LED Lightbar (14 module) with TDs/Alleys with CanCom Siren/Switch Controller	\$180.00	
C8.07	Whelen SA315P Composite Siren Speaker		

\*\*\* Continued On Page 2 \*\*\*

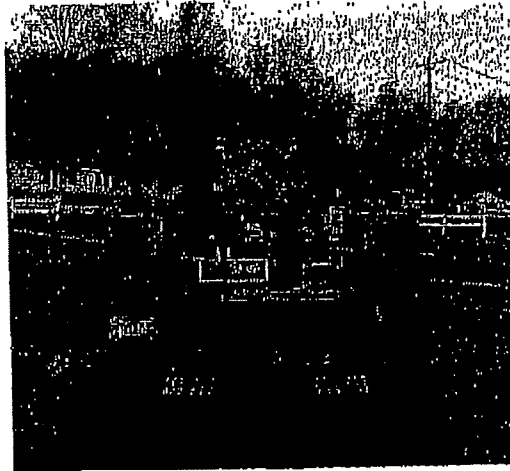
401 Elm Street Marlborough, MA 01752  
Phone: 508-573-2625 Fax: 508-573-2725  
sdaoust@mhd.com

Scituate Fire F350 Ext. Cab Service Body 11.30.13 PCC



CUSTOM EMERGENCY EQUIPMENT • www.rkoenterprises.com

2850 Chilly Drive, Madison, IN 47250 • 812-273-8813, Fax 812-273-5145



*This picture has a custom control panel not included in quote*

**RKO 200 WATER ONLY TRUCK SKID - SLIP ON UNIT**

**END MOUNT**

Prepared For:

Scituate Fire Department

149 First Parish Road

Scituate, MA 02066

Attn: Eric Norlin

Ph# 781-545-8748

Email: enorlin@scituatefire.org

02 December 2013

Quote# 13-394

- 200 GALLON COPOLY TANK (WATER ONLY) WITH LIFETIME WARRANTY-FULLY BAFFLED NFPA TANK
- DARLEY 1.5AGE 21H PUMP SYSTEM COUPLED TO 21 HP HONDA ELECTRIC START ENGINE WITH BUILT IN CONTROL PANEL- EASY OIL CHANGE PUMP PERFORMANCE 120GPM@155PSI/75GPM@230PSI/35GPM@300PSI
- RKO HEAVY DUTY AIRCRAFT/ MACHINE GRADE ALUMINUM SKID PLATFORM WITH BRIGHT ALUMINUM TREADPLATE 3" HIGH
- RKO STAINLESS STEEL PIPING WITH LIFETIME WARRANTY
- RKO STAINLESS STEEL 3 PCECE FIRE SERVICE VALVES
- HANNAY ELECTRIC REWIND HOSE REEL WITH FH3 CHROME ROLLERS ON EACH SIDE, 150 FEET OF GOODYEAR 1" 800 PSI RED BOOSTER HOSE AND (3) HOSE REEL ACTIVATION CARLING SWITCHES
- TWISTER 10 GPM/24 GPM FORESTRY NOZZLE
- GROTE BRIGHTLITE WORKLIGHT
- BASE COAT CLEAR COAT AUTOMOTIVE PAINT ON PIPING AND HOSE REEL - YOUR COLOR CHOICE



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2018 - FY2022

Date submitted: 11-10-16

Date of Last Edit: \_\_\_\_\_

Project Number:	2022-220-1		
Project Title:	Zoll monitor		
Category:	Equipment		
Department:	Fire Department	Contact:	Chief John Murphy

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: NEW  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

Description:

Replace Zoll cardiac monitor.

Benefits of Project and Impact if Not Completed:

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2018	FY2019	FY2020	FY2021	FY2022
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$50,000	\$50,000				
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>		<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Operating Budget Impact						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing



**GUIDELINES  
2010 READY**

**ZOLL Medical Corporation**

Worldwide Headquarters  
269 Mill Rd  
Chelmsford, Massachusetts 01824-4105  
(978) 421-9655 Main  
(800) 348-9011  
(978) 421-0015 Customer Support  
FEDERAL ID#: 04-2711626

**1: Scituate Fire Rescue**

149 First Parish Road  
Scituate, MA 02066-4098

Attn: Rich Kelly

email: [d2ncrt@aol.com](mailto:d2ncrt@aol.com); [d2ncrt@verizon.net](mailto:d2ncrt@verizon.net)

Tel: 781-708-1232

**QUOTATION 113962 V:3**

DATE: December 05, 2013

TERMS: 1% 10, Net 30 Days

FOB: Destination

FREIGHT: Free Freight

ITEM	MODEL NUMBER	DESCRIPTION	QTY.	UNIT PRICE	DISC PRICE	TOTAL PRICE
1	801-2231011-01	<p><b>X Series® Manual Monitor/Defibrillator</b> \$14,995 with 4 trace tri-mode display monitor/ defibrillator/ printer, comes with Real CPR Help®, advisory algorithm, advanced communications package (Wi-Fi, Bluetooth, USB cellular modem capable) USB data transfer capable and large 6.5" (16.5cm) diagonal screen, full 12 ECG lead view with both dynamic and static 12-lead mode display.</p> <p><b>Accessories Included:</b></p> <ul style="list-style-type: none"> <li>• Six (6) foot 3- Lead ECG cable</li> <li>• MFC cable</li> <li>• MFC CPR connector</li> <li>• A/C power adapter/ battery charger</li> <li>• A/C power cord</li> <li>• One (1) roll printer paper</li> <li>• 6.6 Ah Li-Ion battery</li> <li>• USB data-transfer cable</li> <li>• Carry case</li> <li>• Declaration of Conformity</li> <li>• Operator's Manual</li> <li>• Quick Reference Guide</li> <li>• One (1)-year EMS warranty</li> </ul> <p><b>Advanced Options:</b></p> <ul style="list-style-type: none"> <li>Real CPR Help Expansion Pack \$ 995</li> <li>CPR Dashboard quantitative depth and rate in real time, release indicator, interruption timer, perfusion performance indicator (PPI)</li> <li>• See - Thru CPR artifact filtering</li> </ul> <p><b>ZOLL Noninvasive Pacing Technology:</b> \$2,550</p>	1	\$40,020.00	\$32,818.40	\$32,818.40

Page 1 Subtotal

**\$32,816.40**

This quote is made subject to ZOLL's standard commercial terms and conditions (ZOLL T's + C's) which accompany this quote. Any purchase order (P.O.) issued in response to this quotation will be deemed to incorporate ZOLL T's + C's. Any modification of the ZOLL T's + C's must be set forth or referenced in the customer's P.O. No commercial terms or conditions shall apply to the sale of goods or services governed by this quote and the customer's P.O. unless set forth in or referenced by either document.

1. DELIVERY WILL BE MADE 60-90 DAYS AFTER RECEIPT OF ACCEPTED PURCHASE ORDER.
2. PRICES QUOTED ARE VALID FOR 90 DAYS.
3. APPLICABLE TAX ADDITIONAL.
4. ALL PURCHASE ORDERS ARE SUBJECT TO CREDIT APPROVAL BEFORE ACCEPTABLE BY ZOLL.
5. FAX PURCHASE ORDER AND QUOTATION TO ZOLL CUSTOMER SUPPORT AT 978-421-0015 OR EMAIL TO [ESALES@ZOLL.COM](mailto:ESALES@ZOLL.COM).  
ALL DISCOUNTS OFF LIST PRICE ARE CONTINGENT UPON PAYMENT WITHIN AGREED UPON TERMS.
7. PLACE YOUR ACCESSORY ORDERS ONLINE BY VISITING [www.zollwebstore.com](http://www.zollwebstore.com).

Petar Mastromatteo  
Sr. EMS Territory Manager  
339-440-0058



**GUIDELINES  
2010 READY**

**ZOLL Medical Corporation**

Worldwide Headquarters  
269 Mill Rd  
Chelmsford, Massachusetts 01824-4105  
(978) 421-9655 Main  
(800) 348-9011  
(978) 421-0015 Customer Support  
FEDERAL ID#: 04-2711626

**J: Scituate Fire Rescue**

149 First Parish Road  
Scituate, MA 02086-4088

Attn: Rich Kelly

email: [d2pctr@aol.com](mailto:d2pctr@aol.com); [d2pctr@verizon.net](mailto:d2pctr@verizon.net)

Tel: 781-708-1232

**QUOTATION 113962 V:3**

DATE: December 05, 2013

TERMS: 1% 10, Net 30 Days

FOB: Destination

FREIGHT: Free Freight

ITEM	MODEL NUMBER	DESCRIPTION	QTY.	UNIT PRICE	DISC PRICE	TOTAL PRICE
5	8300-0250-01	SurePower Charger Adapter	2	\$97.00	\$79.54	\$159.08
6	8200-000100-01	Single Bay Charger for the SurePower and SurePower II batteries	1	\$945.00	\$756.00	\$756.00
*Reflects State of MA Contract# F1R03 pricing.						
<b>TOTAL</b>						<b>\$38,567.28</b>

This quote is made subject to ZOLL's standard commercial terms and conditions (ZOLL T's + C's) which accompany this quote. Any purchase order (P.O.) issued in response to this quotation will be deemed to incorporate ZOLL T's + C's. Any modification of the ZOLL T's + C's must be set forth or referenced in the customer's P.O. No commercial terms or conditions shall apply to the sale of goods or services governed by this quote and the customer's P.O unless set forth in or referenced by either document.

1. DELIVERY WILL BE MADE 60-90 DAYS AFTER RECEIPT OF ACCEPTED PURCHASE ORDER.
2. PRICES QUOTED ARE VALID FOR 60 DAYS.
3. APPLICABLE TAX ADDITIONAL.
4. ALL PURCHASE ORDERS ARE SUBJECT TO CREDIT APPROVAL BEFORE ACCEPTABLE BY ZOLL.
5. FAX PURCHASE ORDER AND QUOTATION TO ZOLL CUSTOMER SUPPORT AT 978-421-0015 OR EMAIL TO [ESALES@ZOLL.COM](mailto:ESALES@ZOLL.COM).  
ALL DISCOUNTS OFF LIST PRICE ARE CONTINGENT UPON PAYMENT WITHIN AGREED UPON TERMS.
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Peter Mastromatteo  
Sr. EMS Territory Manager  
339-440-0058





**GUIDELINES  
2010 READY**

**ZOLL Medical Corporation**

Worldwide Headquarters  
269 Mill Rd  
Chelmsford, Massachusetts 01824-4105  
(978) 421-9655 Main  
(800) 348-9011  
(978) 421-0015 Customer Support  
FEDERAL ID#: 04-2711626

**Solitude Fire Rescue**

149 First Parish Road  
Solitude, MA 02066-4098

Attn: Rich Kelly

email: [d2ncrft@aol.com](mailto:d2ncrft@aol.com); [d2ncrft@verizon.net](mailto:d2ncrft@verizon.net)  
Tel: 781-706-1232

**QUOTATION 113802 V:3**

DATE: December 05, 2013

TERMS: 1% 10, Net 30 Days

FOB: Destination

FREIGHT: Free Freight

ITEM	MODEL NUMBER	DESCRIPTION	QTY.	UNIT PRICE	DISC PRICE	TOTAL PRICE
1	601-2281011-01	<p><b>X Series Manual Monitor/Defibrillator \$14,995</b> with 4 trace tri-mode display monitor/ defibrillator/ printer, comes with Real CPR Help®, advisory algorithm, advanced communications package (Wi-Fi, Bluetooth, USB cellular modem capable) USB data transfer capable and large 6.5" (16.5cm) diagonal screen, full 12 ECG lead view with both dynamic and static 12-lead mode display.</p> <p><b>Accessories Included:</b></p> <ul style="list-style-type: none"> <li>- 8ft (8) foot 3- Lead ECG cable</li> <li>- MFC cable</li> <li>- MFC CPR connector</li> <li>- A/C power adapter/ battery charger</li> <li>- A/C power cord</li> <li>- One (1) roll printer paper</li> <li>- 6.6 Ah Li-Ion battery</li> <li>- USB data transfer cable</li> <li>- Carry case</li> <li>- Declaration of Conformity</li> <li>- Operator's Manual</li> <li>- Quick Reference Guide</li> <li>- One (1)-year EMS warranty</li> </ul> <p><b>Advanced Options:</b> Real CPR Help Expansion Pack \$ 995 CPR Dashboard quantitative depth and rate in real time, release indicator, interruption timer, perfusion performance indicator (PPI) - See - Thru CPR artifact filtering</p> <p><b>ZOLL Noninvasive Pacing Technology: \$2,550</b></p>	1	\$40,020.00	\$32,816.40	\$32,816.40 *
<b>Page 1 Subtotal</b>						<b>\$32,816.40</b>

This quote is made subject to ZOLL's standard commercial terms and conditions (ZOLL T's + C's) which accompany this quote. Any purchase order (P.O.) issued in response to this quotation will be deemed to incorporate ZOLL T's + C's. Any modification of the ZOLL T's + C's must be set forth or referenced in the customer's P.O. No commercial terms or conditions shall apply to the sale of goods or services governed by this quote and the customer's P.O unless set forth in or referenced by either document.

1. DELIVERY WILL BE MADE 60-90 DAYS AFTER RECEIPT OF ACCEPTED PURCHASE ORDER.
2. PRICES QUOTED ARE VALID FOR 60 DAYS.
3. APPLICABLE TAX ADDITIONAL.
4. ALL PURCHASE ORDERS ARE SUBJECT TO CREDIT APPROVAL BEFORE ACCEPTABLE BY ZOLL.
5. FAX PURCHASE ORDER AND QUOTATION TO ZOLL CUSTOMER SUPPORT AT 978-421-0016 OR EMAIL TO [ESALES@ZOLL.COM](mailto:ESALES@ZOLL.COM).
6. ALL DISCOUNTS OFF LIST PRICE ARE CONTINGENT UPON PAYMENT WITHIN AGREED UPON TERMS.
7. PLACE YOUR ACCESSORY ORDERS ONLINE BY VISITING [www.zollwebstore.com](http://www.zollwebstore.com).

Peter Mastromatteo  
Sr. EMS Territory Manager  
339-440-0058



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/2018

Date of Last Edit: 9/27/2018

Project Number:	2023-220-02	
Project Title:	New Ambulance	
Category:	Vehicle replacement	
Department:	Fire Dept.	Contact: Chief John Murphy

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ X ]    Resubmission [ ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

[Empty description box]

**Benefits of Project and Impact if Not Completed:**

[Empty benefits box]

**Discuss Operating Budget Impact:**

[Empty budget impact box]

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$289,634				\$289,634	
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$289,634</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$289,634</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$289,634</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$289,634</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020-FY24**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2024-220-1		
Project Title:	Fire Rescue/Pumper Replacement		
Category:	Vehicle Replacement		
Department:	Fire Dept.	Contact:	Fire Chief John Murphy

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New [ ]	Recurring [ ]	Resubmission [ ]
	Multiyear [ ]	Phase 2 of 2	

**Description:**

*This 1995 reserve rescue/pumper will be 28 years old in FY24. NFPA 1710 recommends all Recue Pumpers be replaced on a 20 year cycle. This pumper has been utilized as afront line pumper for 17 years & will be a reserve pumper 11 years by FY24, is antiquated compared to current standards. We currently carry three front line pumpers with two in reserve. There are multiple times each year these reserve pumpers are in use usually due to similtaneous maintenance issues of our front line apparatus. All five pumpers are put into frontline service during any significant event or storm.*

**Benefits of Project and Impact if Not Completed:**

*The recommended replacement cycle of 5 years is used to maintain our apparatus over a 20-25 year lifespan. The new apparatus are more effective at pumping water & are more fuel efficient as well as enhanced safety features improved annually. The new apparatus exhaust are much more environmentally safe & contain much less Benzene release which is a known carcinogen proven to be fatal to firefighters.*

**Discuss Operating Budget Impact:**

*The request is to funding a new Rescue/Pumper in FY24. The total estimate of the Rescue Pumper & equipment is \$594,660. This will likely come from the GF. We have applied for Rescue Pumper grants & will continue to do so. Our recent purchase contract for just under \$530,000 with a 2.5% increase annually came to \$594,660.*

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$594,660					\$594,660
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$594,660</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$594,660</b>

Funding Source(s) Check all that apply	
<input type="checkbox"/>	Tax Levy
<input type="checkbox"/>	Debt
<input type="checkbox"/>	Enterprise Retained Earnings
<input checked="" type="checkbox"/>	Capital Stabilization
<input type="checkbox"/>	Free Cash
<input type="checkbox"/>	Revolving Fund
<input type="checkbox"/>	CPA
<input type="checkbox"/>	Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$594,660</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$594,660</b>

CPA Purpose(s) Check all that apply	
<input type="checkbox"/>	Open Space
<input type="checkbox"/>	Recreation
<input type="checkbox"/>	Historical
<input type="checkbox"/>	Housing

**Operating Budget Impact**

During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0

TOWN OF SCITUATE

FISCAL YEAR 2016 CAPITAL REQUEST

Move to 2022

Division: \_\_\_\_\_ Priority 17 \_\_\_\_\_

Department: \_\_\_\_\_ Type: \_\_\_\_\_

Fire

Project: \_\_\_\_\_ Cost Basis: \_\_\_\_\_

Replace 2002 Dive/Rescue Truck

Category: \_\_\_\_\_

	FY2016	FY2017	FY2018	FY2019	FY2020	TOTAL
					\$60,000.00	\$60,000.00
Funding Source					Funding Amount	
A	General Fund				\$60,000.00	
B					\$0.00	
C					\$0.00	
D					\$0.00	

Description: \_\_\_\_\_  
 Replace our 2002 dive/rescue truck which will have 18 years of service to the Town.

Justification: \_\_\_\_\_  
 This is a necessary piece of equipment for the Fire Department, especially as a coastal town.

Description of item to be replaced: \_\_\_\_\_  
 2002 Dive/Rescue utility truck.

Estimated value of replaced item: \_\_\_\_\_

Schedule for completion of project: \_\_\_\_\_

With in 6 months of available funds.

Estimated annual impact: \$0.00

Explanation:  
The existing vehicle has provided 18 years of service to the Town.

Submitted by: John P. Murphy

Date: 10/31/14

Title: Fire Chief

Prepared By:  
 Sid Dalley  
 Marty's Isuzu, GMC, Buick  
 5 Independence Mall Way  
 Kingston, MA 02364  
 Phone: (800) 870-7573  
 Fax: (781) 585-0674  
 Email: sid@martysgmc.com

2015 Retail Isuzu NPR HD DSL REG AT

**SELECTED MODEL & OPTIONS**

WARNING - THIS VEHICLE IS NOT YET COMPLETELY CONFIGURED

**SELECTED MODEL - 2015 Retail NF354 150" WB WHITE CAB IBT AIR PWL**

<u>Code</u>	<u>Description</u>	<u>MSRP</u>
NF354	2015 Isuzu NPR HD DSL REG AT 150" WB WHITE CAB IBT AIR PWL	\$51,856.00

**SELECTED VEHICLE COLORS - 2015 Retail NF354 150" WB WHITE CAB IBT AIR PWL**

<u>Code</u>	<u>Description</u>
-	Interior: No color has been selected.
-	Exterior 1: No color has been selected.
-	Exterior 2: No color has been selected.

**SELECTED OPTIONS - 2015 Retail NF354 150" WB WHITE CAB IBT AIR PWL**

**CATEGORY**

<u>Code</u>	<u>Description</u>	<u>MSRP</u>
MODEL OPTION		
NF354	CUSTOM/BASE MODEL (SEO) -inc: in rail fuel tank, pwr windows/door locks (REQ: C60 Air Conditioning)	\$0.00
VEHICLE APPLICATION		
RQ2	TRUCK APPLICATION (STD)	INC
EMISSIONS		
YF5	50 STATE EMISSIONS, INCLUDING CALIFORNIA	INC
ENGINE		

Report content is based on current data version referenced. Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

GM AutoBook, Data Version: 360.0, Data updated 11/11/2014  
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Customer File:

Prepared By:  
 Sid Dalley  
 Marty's Isuzu, GMC, Buick  
 5 Independence Mall Way  
 Kingston, MA 02364  
 Phone: (800) 870-7573  
 Fax: (781) 585-0674  
 Email: sid@martysgmc.com

2015 Retail Isuzu NPR HD DSL REG AT

**SELECTED MODEL & OPTIONS**

**WARNING - THIS VEHICLE IS NOT YET COMPLETELY CONFIGURED**

**SELECTED OPTIONS - 2015 Retail NF354 150" WB WHITE CAB IBT AIR PWL**

**CATEGORY**

<u>Code</u>	<u>Description</u>	<u>MSRP</u>
<b>ENGINE</b>		
I1B	4HK1-TC, DIESEL ENGINE 317 CID (5.19L), 215 HP AT 2550 RPM; 452 FT-LB GROSS TORQUE AT 1850 RPM. 4 CYLINDER, 16 VALVE, FOUR CYCLE, OVERHEAD CAM, TURBOCHARGED, INTER-COOLED, WATER COOLED EGR VALVE, DIRECT INJECTION, ELECTRONICALLY CONTROLLED COMMON RAIL FUEL SYSTEM AND ENGINE CRUISE CONTROL. Oil level check switch and light. Engine Warning system with audible warning for low oil pressure, high coolant temperature, and low coolant level. Rear engine cover. (STD)	INC
<b>TRANSMISSION</b>		
IR7	TRANSMISSION, AUTOMATIC, AISIN A465 6-SPEED. Ratios: 3.742, 2.003, 1.343, 1.000, 0.773, 0.634, Rev 3.539 (STD)	INC
<b>AXLE</b>		
005	REAR AXLE RATIO, 4.56:1 (STD)	INC
<b>WHEELBASE</b>		
IB1	WHEELBASE, 150" (381.0 CM) includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1 cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu. in. and RBM 316,800 lb-ft/in per rail. (STD)	INC
<b>FRONT TIRES</b>		
I5H/I69	FRONT TIRES, 215/85R16E (10 PLY) TUBELESS RADIAL, ALL SEASON (STD)	INC
<b>REAR TIRES</b>		
I5H/I34	REAR TIRES, 215/85R16E (10 PLY) TUBELESS RADIAL, ALL SEASON (STD)	INC
<b>PAINT SCHEME</b>		
ZY1	SOLID PAINT (STD)	INC
<b>SEAT TRIM</b>		
*34C	VERY DARK PEWTER, TRICOT & JERSEY KNIT COMBINATION CLOTH SEAT TRIM (STD)	INC

**REQUIRED OPTION**

Report content is based on current data version referenced. Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

GM AutoBook, Data Version: 360.0, Data updated 11/11/2014  
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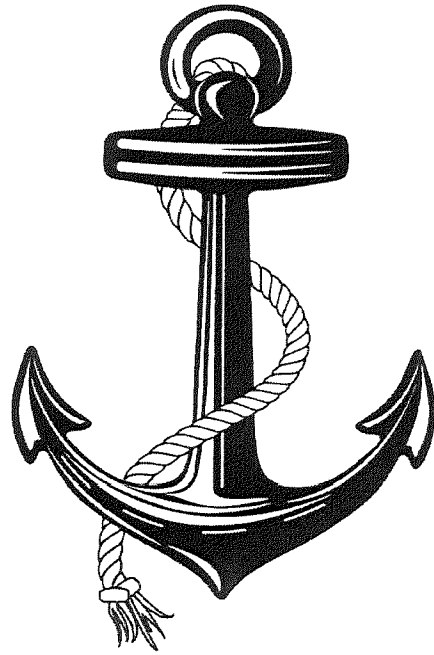
Customer File:

Town of Scituate  
 Capital Plan - FY 2020-2024  
 Criteria Points-Summary  
 Sorted by Fund, Department, Year & Score

Total	Project	Project #	Department	Year	Fund	Request	Comment
53	Lease of School Busses	2020-300-01	School	2020	GF	\$ 210,000	
48	Wampatuck Playground	2020-300-08	School	2020	GF	\$ 30,000	
45	School Technology	2020-300-02	School	2020	GF	\$ 110,000	
39	Wampatuck Portico	2020-300-04	School	2020	GF	\$ 150,000	
35	High School Carpet	2020-300-06	School	2020	GF	\$ 60,000	
17	Wampatuck Fire Doors	2020-300-03	School	2020	GF	\$ 110,000	
54	Hatherly Roof Replacement	2021-300-03	School	2021	GF	TBD	
51	Lease of School Busses	2021-300-02	School	2021	GF	\$ 210,000	
45	Replace Flooring - High School	2021-300-01	School	2021	GF	\$ 300,000	
45	School Technology	2021-300-07	School	2021	GF	\$ 150,000	
41	High School Locker Rooms	2021-300-03	School	2021	GF	\$ 500,000	
38	Jenkins Roof Replacement	2021-300-06	School	2021	GF	\$ 1,200,000	
30	Cushing Parking Lot	2021-300-05	School	2021	GF	\$ 475,000	
53	Lease of School Busses	2022-300-02	School	2022	GF	\$ 210,000	
45	School Technology	2022-300-03	School	2022	GF	\$ 130,000	
45	Cushing Window Replacement	2022-300-07	School	2022	GF	TBD	
41	Replace Flooring - High School	2022-300-03	School	2022	GF	\$ 250,000	
38	High School Roof Replacement	2022-300-05	School	2022	GF	\$ 1,000,000	
30	Hatherly Parking Lot	2022-300-05	School	2022	GF	\$ 1,400,000	
26	Elementary School Sink Replacement	2022-300-04	School	2022	GF	TBD	
53	Lease of School Busses	2023-300-02	School	2023	GF	\$ 210,000	
41	School Technology	2023-300-09	School	2023	GF	\$ 100,000	
39	Hatherly Univents	2023-300-08	School	2023	GF	\$ 500,000	
39	Renovate Wampatuck School Kitchen	2023-300-10	School	2023	GF	\$ 390,000	
36	Main Floor High School Gym	2023-300-08	School	2023	GF	\$ 225,000	
35	Cushing Portico	2023-300-07	School	2023	GF	TBD	
30	Wampatuck Parking Lot	2023-300-05	School	2023	GF	\$ 325,000	
53	Lease of School Busses	2024-300-02	School	2024	GF	\$ 210,000	
39	Wampatuck Flooring Replacement	2024-300-06	School	2024	GF	\$ 250,000	
39	Wampatuck Teachers' Room	2024-300-07	School	2024	GF	\$ 40,000	
36	Wampatuck Roof Replacement	2024-300-05	School	2024	GF	\$ 300,000	
36	Small Gym High School	2024-300-08	School	2024	GF	\$ 225,000	
54	Replacement of High School Track		School/Recreation	2020	GF	\$ 1,917,695	CPC application filed
						\$ 10,007,695	



# Scituate Public Schools



## Facilities & Capital Plan: 2018 – 2023

Ron Griffin, Superintendent of Schools  
Paul Donlan, Director of Business and Finance  
Robert Dillon, Assistant Director of Facilities

## **Introduction:**

The Scituate Public Schools is a district known for its innovative, world class education. We strive to prepare our students to succeed in an increasingly globalized society by providing authentic, consistent & innovative curriculum. Our educators meet the needs of all students through engaging, rigorous & research based instructional pedagogy. We work to provide our students with opportunities to actively engage in their learning, in schools with flexible learning spaces. It is our mission to graduate resilient, balanced and well-rounded global citizens able to make a positive impact in the world.

To this end, the Scituate Public Schools Facilities & Capital Plan outlines the major maintenance, facilities and technological improvement projects that support the district's mission, vision and priorities of the district's five year strategic plan. This Facilities Plan identifies projects, including building needs, technological infrastructure, grounds, parking lots, drives, playgrounds, transportation and fields surrounding the schools, an estimated cost to repair, and a priority ranking to guide the budgeting of capital resources. Where further study is necessary for a project, it is indicated in the plan. It is also important to note that while the grounds and fields surrounding the schools are ultimately the responsibility of the town, it is imperative to identify and budget for a coordinated effort between the schools and town, including the Recreation Department, to maintain and improve the exterior of the schools and provide for adequate playing fields for the entire community. This Facilities Plan is organized into four major parts.

- Part I: Facilities overview
- Part II: Regularly scheduled maintenance
- Part III: Small scale facilities improvements
- Part IV: Capital requests

It is imperative that our schools, new and old, are well maintained to meet the high expectations we set for our school system and to continue our tradition of excellence. This Facility Plan, when implemented and adequately funded, will ensure that the Town of Scituate has facilities that meet the same standards of excellence as its educational program.

## Part I: Facilities Overview

The Scituate Public Schools consist of six educational facilities; four K – 5 elementary schools, a Grade 6 – 8 middle school, and a Grade 9 – 12 high school. Scituate is a community invested in its schools; supporting projects to maintain and improve its schools over many years; most recently, building a new, state of the art middle school in 2017. Scituate schools vary in age, condition and capacity, and have all served the community well. Below is an executive summary of our six schools.

Facility	Year opened	History of Major Renovations
Scituate High School	1959	1967 (major addition)
		2002 (major renovation)
		2017 (major renovation – addition of CPA, new art wing and relocated nurse suite)
Gates Middle School	2017	New, state of the art, Gates Middle School now in operation
Wampatuck Elementary School	1957	1968 (partial addition)
		2007 (major renovation)
		2014 (major renovation - ECC)
Jenkins Elementary School	2002	Jenkins Elementary School replaced aging building in 2002.
Cushing Elementary School	1965	None
Hatherly Elementary School	1962	None

A challenge facing our district is aging facilities. One-half of the district’s six schools are fifty or more years old. Fifty years is generally considered the age at which schools are considered in need of major renovation or replacement. Two of our elementary schools, Cushing and Hatherly are over fifty years old and have not had any major renovations or modernization since they opened. This presents a problem that makes this plan difficult to implement. While this plan will identify facility needs and a schedule to address those needs, the School Committee and town will need to consider the question of whether to invest millions of dollars to bring facilities up to current educational standards, or plan for their eventual replacement. This is certainly a challenge. However, it also presents an opportunity for us to innovate; to reimagine the configuration, structure and layouts of our elementary schools to best meet 21<sup>st</sup> century educational paradigms and provide all Scituate students with a world class learning environment.

## Part II: Regular Scheduled Maintenance

Regular maintenance is fundamental to ensuring that our school facilities, new and old, can serve generations of Scituate residents. Our district is focused on ensuring that all school facilities continue to support the educational experiences that happens inside them each day and continue to serve as places where students, families and citizens come together and create a sense of community.

In addition to daily cleaning and day to day upkeep, the district coordinates a range of regular maintenance for all of its schools. Scheduled maintenance consists of the major inspections, replacement and tune ups of the many integrated systems that make up the infrastructure of our schools. Typically, scheduled maintenance ranges from just over one thousand dollars to over twenty thousand dollars in costs each year. This work is funded through the school department or DPW depending on the project. Whenever possible, this maintenance is done by our custodial and operations staff but often, it must be completed by external experts. Recently, the scope of scheduled maintenance has expanded significantly with the addition of our new, state of the art middle school building.

Part of the Scituate Public Schools 5 year strategic plan is focused on strengthening and improving our school facilities. As part of this work, the district will be investigating and implementing a software platform which allows school staff to easily report maintenance needs/requests and allows our operations team to efficiently address and track maintenance throughout the district. (See Strategic Objective 4.4 for further detail on this work). The intention of this will be to help us better manage the facilities needs throughout the district.

Below is an executive summary of the annual maintenance scheduled for each school building and estimated costs associated with each. This summary is by no means exhaustive, but rather, it illustrates the major maintenance projects the district undertakes as part of the proactive upkeep of its school buildings.

**Part II: Regularly Scheduled Maintenance: *Executive Summary***

School	Project	Description	Estimated Cost	Service Provider	Notes
All 6 Schools	Grease Traps	Pump grease traps at least annually	\$1,200	P F Spencer	NA
All 6 Schools	Proactive pest control measures	Inspect and maintain and update IPM (integrated pest management) plan. Given our geography, proactive pest control minimizes the frequency of ticks, carpenter ants and other pests.	\$2,000	Safety Fumigant	All pest control substances are eco-friendly and safe - used by schools throughout the region and state.
All 6 Schools	Service Kilns	Annual service required for 8 kilns in 6 schools	\$2,000	Boston Kiln	Kilns must be checked by outside agency
All 6 Schools	Fire Extinguishers	Check and Service	\$2,000	R.E. Lyons	Checked each year and replace as needed
All 6 Schools	Fire Alarm Testing	Test all Alarms	\$2,400	Associated Fire	In collaboration with SFD
All 6 Schools	Kitchen Hood Inspections	Inspect and clean all exhaust vents under hoods in kitchens at least annually	\$2,400	Air Duct Services	NA
All 6 Schools	Evacuation, exit signage and egress maintenance	Replace, move and check signage	\$3,000	Maintenance	Part of Building Inspection done at beginning of each school year.
Jenkins, High School & Middle School	Elevators inspection and maintenance	Annual Inspection/maintenance	\$4,000	Associated Elevator	If major issues are identified, these would be moved to small scale facilities improvements and immediately addressed.
All 6 Schools	Fire Alarm Monitoring	Monitoring all Alarm Systems	\$4,000	Associated Fire	In collaboration with SFD
All 6 Schools	Generator inspection and maintenance	Annual Inspection/maintenance	\$5,000	New England Generator	NA
Jenkins, Cushing, Hatherly & High School	Chair Lifts maintenance	Annual inspection of chair lifts for elevation changes in the schools.	\$5,000	Garraventa	With the exception of Wampatuck (one floor) and Gates (new), all schools have chair lifts to provide accessibility for disabled students.
All 6 Schools	Cafeteria refrigeration maintenance	Maintain and replace parts for all refrigeration in school cafeterias	\$6,000	Franey Refrigeration	Older equipment needs more maintenance.

All 6 Schools	Replace air filters	All filters for Univents, AC units, Air Handlers Approximately 1000 in the district, replaced 2X per year	\$10,000	Airex and SPS custodial and operations	SPS saves approximately \$35,000 in costs because our custodial and operations staff incorporate this into our own bi-annual maintenance work.
All 6 Schools	Roof maintenance	Inspection and fixes small problems	\$10,000	Weather Shield	Most school roofs are aging and need attention and in some case replacement through capital projects.
All 6 Schools	AHERA Program	AHERA (Asbestos Hazard Emergency Response Act of 1986) inspections every 3 years by outside Vendor	\$20,000	Covino TRC	Inspections done by staff every 6 months
All 6 Schools	Inspection and cleaning of all boilers	2 Boilers at each school	\$25,000	Commercial Boiler Systems	Inspect, clean and replace parts as needed
Buses and Vans	Regular auto maintenance	Oil changes, replace parts and tire replacement	\$30,000	Scituate Schools	SPS maintains a fleet of 18 buses and 7 Vans
All 6 Schools	HVAC	Inspect, clean and repair Unit ventilators	\$40,000	Commercial Boiler Systems	In addition to annual inspections and maintenance, the district annually allocates funds to repair HVAC systems at schools as needed. This represents one of the most expensive annual maintenance and repair investments.
All 6 Schools	Year round landscaping	General landscaping and grounds maintenance	Costs covered by DPW	Scituate DPW	Grass cutting, pruning and maintaining beds
All 6 Schools	Minor building repairs	SPS partners with DPW annually to tackle unanticipated maintenance issues.	Varies annually	SPS Custodians and Scituate DPW	These vary each year depending on weather events, age of buildings, etc.

### Part III: Small Scale Facilities Improvement Projects: *Executive Summary*

In addition to daily and regularly scheduled maintenance, the district also invests in small scale projects to meet our maintenance and facilities improvement needs. These projects are typically funded through the school department and cost between \$5,000 and \$20,000. The scope of this work varies and includes projects that are pre-planned but simply too small to consider as a capital request to projects that address unanticipated facility needs that may arise. Below is a summary of these small scale facilities improvements.

<b>Small Scale Facilities Improvement</b>							
<b>Fiscal Year</b>	<b>School</b>	<b>Project</b>	<b>Description</b>	<b>Trades Needed</b>	<b>Estimated Cost</b>	<b>Status</b>	<b>Notes</b>
2019	Jenkins	Replaced PA system	Communication throughout the building was intermittent. After several attempts to repair, it needed to be replaced.	Specialty Communication Company	\$10,000.00	Complete	Used system from old Gates. Saved community 20k.
2019	Jenkins and High School	Full Roof analysis	District to hire a consultant to assess these two roofs as they are showing signs of wear and leaks.	Roofer	\$10,000.00	TBD	
2019	Hatherly	Windows	Replace 10 broken windows	ReBuildEx	\$8,000.00	Slated for completion by January	
2019	Cushing	Cafeteria	Broken Pipe	Plumber	\$5,000.00	Complete	
2019	Wampatuck	Library Doors	Replace doors that swing in with doors that swing out and one must be 36" wide	Door Company	\$15,000.00	Slated for Summer of 2019	2nd egress under evaluation for this project
2020	Cushing, Hatherly & Wampatuck	Replace locks and hardware	Door locks at Cushing, Hatherly and Wampatuck need to be replaced and made all operable to ensure security.	Maintenance Staff	\$5,000.00	ongoing	
2021	Jenkins	Removal of concrete boxes	Concrete tree boxes are throughout playground. Easier care and for snow removal purposes	DPW	TBD	TBD	
2021	Jenkins	Windows	Replacement of misaligned windows due to settling	Window Company	\$6,000.00	TBD: Review of all windows prior to project	

You can view an interactive, sortable version of this executive summary by clicking [here](#).

## Part IV: Multi-year Capital Plan:

The final part of the Scituate Public Schools Facilities Plan are Capital Requests. Capital requests typically represent larger scale projects, costing over \$25,000 for equipment or facilities improvements with a useful life of 5 years or more. They are not limited to buildings or facilities although they are often facilities related given that building improvements quickly reach capital thresholds. School district capital requests are funded through the town of Scituate and prioritized along with all other capital requests for the community. Some of these projects are structured in phases over multiple years. Often, projects require a combination of analysis, planning and execution that spans years. In addition, projects can also be phased over time to minimize disruption to education during the school year or to distribute larger costs over a period of time. As part of the district's internal capital planning process, each project proposal is reviewed, vetted, given a priority by the educational leadership team and presented to the School Committee. Scituate Public Schools uses the rubric shown below to prioritize capital projects. Each project is rated on 5 different categories to guide the prioritization of proposals. In the executive summary on the next page, priority for each project is denoted by "P#". For example, a project that is "Essential" would be noted as "P4". The criteria that are considered are outlined below in a rubric.

	<b>5: Top priority</b>	<b>4: Essential</b>	<b>3: Proactive planning</b>	<b>2: Improvement</b>	<b>1: Enhancement</b>
<b>Health &amp; Safety considerations</b>	Project addresses current or immediate health and safety concerns.	Project proactively addresses a potential health or safety concern.	Project is aimed at maintaining health and safety of students and staff.	Project is aimed at generally improving health or safety conditions.	Project has no impact on health or safety.
<b>Maintaining high standards of current educational program</b>	Education is currently interrupted due to current issue and project will address this immediately.	Education will likely be disrupted in the next 1-2 years if project is not funded to address issue.	Education will likely be disrupted in the next 3-4 years if project is not funded to address issue.	Education is improved by project and would likely be disrupted in the next 5-6 years if project is not funded.	Capital project enhances the educational program.
<b>Support for district's mission, vision and 5 year strategic plan</b>	Capital project advances three or more priorities of the 5 year strategic plan.	Capital project advances at least 2 major priorities of the 5 year strategic plan.	Capital project advances a major priority of the 5 year strategic plan.	Capital project indirectly supports one or more priorities of the 5 year strategic plan.	Capital project does not support or advance a priority of the 5 year strategic plan.
<b>Legal, regulatory, cost &amp; maintenance considerations</b>	District is currently under order to take action. (DESE, OCR, Court, etc.)	Project is necessary to meet existing state and federal requirements	Project is necessary to sustain orderly schedule for maintenance and replacement.	Cost of project will increase in future (beyond inflation) if it is delayed at this time.	Minor risk that cost will rise or service will be interrupted if project is not funded.
<b>Multi-year plan and funding</b>	Project represents the final phase of a multi-year project OR is a need that has been unfunded for 4 or more years.	Project represents a middle phase of a multi-year project OR is a need that has been unfunded 3 or more years.	Project is the first phase of a multi-year project OR is a need that has been unfunded 2 or more years	Project is not a multi-year project OR is a need that has been unfunded for a year.	Project is not a multi-year project and/or is new to the capital plan.



**Part IV: Multi-year Capital Plan: *Executive Summary of proposals and priority***

	<b>2018-2019</b>	<b>2019-2020</b>	<b>2020-2021</b>	<b>2021-2022</b>	<b>2022-2023</b>
<b>High School</b>	Locker Rooms (phase 1 of 2) - In Progress Boiler Expansion Tanks - Done Replace Flooring (phase 1 of 3) - Done Replace Carpeting (phase 1 of 2) – Done Replace Gym Entrance - Delayed	Replace Carpeting P2 (phase 2 of 2)  <u>Note:</u> Roof evaluation to be done by district this year.	Locker Room Renovation P2 (phase 2 of 2)  Replace Flooring P2 (phase 2 of 3)	Roof replacement P3 <u>Note:</u> Potential <u>MSBA SOI</u> Replace Flooring P2 (phase 3 of 3)	Gym Floor Renovation P3 Phase 1 of 2
<b>Cushing</b>	Long Term Viability Study – In Progress.  Data from this study will inform decision making regarding renovations, replacement or combinations thereof for Cushing and Hatherly moving forward. Facilities <u>maintenance</u> and <u>improvements</u> for both schools will be ongoing during the study, analysis and planning. Capital projects are still proactively planned in out years with the understanding that data from the study may be used to implement more comprehensive improvements.	No Capital Projects <u>Note:</u> Potential <u>MSBA SOI</u> based on viability study data	Parking lot and driveway replacement P2 (Phase 1 of 3)	Window Replacement P3 Sink/pipes replacement P4	Replace front portico P2
<b>Hatherly</b>		No Capital Projects <u>Note:</u> Potential <u>MSBA SOI</u> based on viability study data.	Windows Replacement P1 Roof Replacement P1	Parking lot and driveway replacement P2 (Phase 2 of 3) Sink/pipes replacement P4	Replace Unit Ventilators P3
<b>Wampatuck</b>		Replace fire doors P4 Replace entrance portico P3 Replace playground P3	No Capital Projects	Renovate nursing station P3 Sink/pipes replacement P4	Parking lot and driveway replacement P2 (Phase 3 of 3)
<b>Jenkins</b>	No Capital Projects	No Capital Projects <u>Note:</u> Roof evaluation to be done by district this year.	Roof replacement P3 <u>Note:</u> Potential <u>MSBA SOI</u>		No Capital Projects
<b>District-wide</b>	Technology infrastructure (Phase 2 of 5) - Ongoing New Vans - Done	Technology infrastructure P4 (Phase 3 of 5)  Capital Bus lease P4 (Year 1 of 5)	Technology infrastructure P4 (Phase 4 of 5)  Capital Bus lease P4 (Year 2 of 5)	Technology infrastructure P4 (Phase 5 of 5)  Capital Bus lease P4 (Year 3 of 5)	Technology Hardware P4 (Phase 1 of 5)  Capital Bus lease P4 (Year 4 of 5)

You can view further detail with an interactive, sortable version of all capital projects by clicking [here](#).

**Part IV: FY20 Capital Requests:**

The Scituate Public Schools is proposing 6 projects as part of the FY20 Capital Plan. These projects address key facilities, transportation and infrastructure needs throughout the district. If approved by our community, funds for these projects would be released next year and work on these projects would begin shortly thereafter. Below is a summary of this year’s capital requests including rationale and supporting information for each project.

**FY20 Capital Requests Executive Summary**

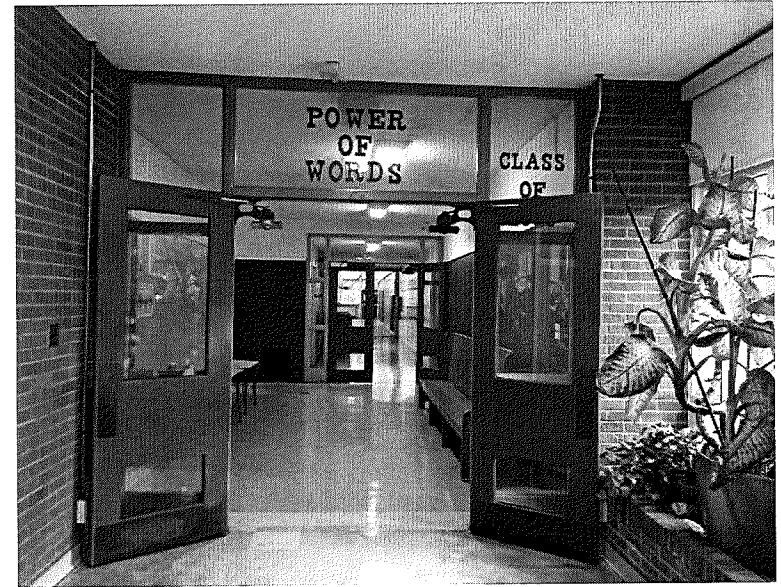
<b>Proposal</b>	<b>Priority</b>	<b>Cost</b>
Wampatuck Fire doors Replacement	Essential	\$85,000
Wampatuck Playground Replacement	Proactive Planning	\$30,000
Wampatuck Portico Replacement	Proactive Planning	\$150,000
District-wide Bus Fleet Capital Lease	Essential	\$210,000
District-wide Technology Infrastructure	Essential	\$110,000
High School Carpet Replacement Phase 2 of 2	Improvement	\$60,000
	<b>Total</b>	<b>\$645,000</b>

## Proposal 1: Wampatuck Fire doors Replacement

**Rationale:** Fire doors are a fundamental part of a fire suppression system. While the 2014 school renovation did not include fire doors, the current double doors are not sufficient to contain a fire should one break out. This project has been prioritized as Essential.

**Proposal:** \$85,000 to replace double doors such as these throughout the building with fire grade doors. Fire doors would be integrated into the larger fire suppression system throughout the building.

**Impact:** Fire doors are intended to contain a fire from spreading throughout a building; allowing fire suppression and firefighters to more quickly extinguish it.



## Proposal 2: Wampatuck Playground Replacement

**Rationale:** The playground has fallen into disrepair over the years. Several elements have been removed to ensure student safety. The playground needs to be replaced.

**Proposal:** \$30,000 is proposed to contribute to a community wide effort to replace this playground. This project is in partnership with Town of Scituate CPC, DPW, Wampatuck PTO and grants through the state. The funds have been approved through CPC and await consideration at special town meeting. If approved, this FY20 capital expenditure would reimburse CPC for a portion (\$30,000) of the larger \$250,000 project.

**Impact:** The new playground will provide a safe place for children and community members to use nearly year round. Due to its location closest at the front of the property, this playground has become a fixture in the community.



### Proposal 3: Wampatuck Portico Replacement

**Rationale:** The current portico at the front of the building is original to the building (1957). Repairs have been done to the support posts but full replacement is required to handle annual snow loads.

**Proposal:** \$150,000 to remove and replace the existing structure with a reinforced, climate appropriate portico.

**Impact:** A new, reinforced, pitched portico will allow for appropriate drainage and maintain a safe, dry space for students and families as they transition in and out of the school.



### Proposal 4: District-wide Bus Fleet Capital Lease: Phase 1 of 5

**Rationale:** Scituate operates a fleet of 18 busses. Prior to lease, the community implemented a purchase plan to cover the costs of school busses through capital requests. However, when bus purchase cycles were unable to be funded, they quickly fell into disrepair and became unreliable and unsafe. This project has been prioritized as Essential.

**Proposal:** \$210,000 to ensure that students are transported on safe, well maintained busses, these funds support the capital lease of busses as part of a multi-year investment by the community.

**Impact:** This lease, executed by the Board of Selectmen, ensures that bus transportation to and from school, sports, field trips and other events is safe, reliable and sustainable for taxpayers.



### Proposal 5: District-wide Technology Infrastructure: Phase 3 of 5

**Rationale:** Technology Capital Plan. Phase 3 of 5. This project is part of a multi-year capital investment in technology hardware across the district to support 21st education for all students. This project has been prioritized as Essential.

**Proposal:** \$110,000 to upgrade technology hardware and infrastructure. In FY20, the district will upgrade all elementary schools phone systems to Voice Over Internet Protocol technology (VOIP). This system replaces failing phone systems across all 4 schools. Replacement hardware including student and staff computers phase out non-compatible and unsupported hardware.

**Impact:** Most hardware requires replacement every 7-10 years as developers no longer support older models, software patches are no longer created and compatibility issues occur with applications. The new phone systems will save costs on phone bills going forward as well and allows SPS to manage the phone system in house. In addition, this plan account for continued replacement of staff and student hardware (computers/laptops).

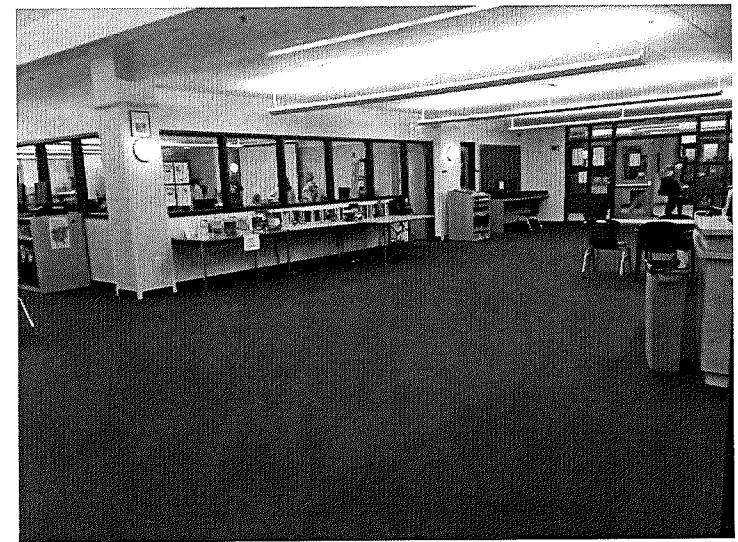


### Proposal 6: High School Carpet Replacement Phase 2 of 2

**Rationale:** Carpeting is nearly 20 years old and is a heavy traffic area of the school used both for library and as a group meeting space for students, staff and community members. This project has been prioritized as an improvement.

**Proposal:** \$60,000 to replace carpet in the high school library area, office and computer lab.

**Impact:** New, high traffic, "tile" carpet allows for easy maintenance. When damaged, individual carpet tiles may be replaced using attic stock. While this is the lowest priority project on the FY20 capital requests list, the space it impacts is frequency used by the high school for both students and the community.





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2020-300-2	
Project Title: Lease of Buses	
Category: Equipment	
Department: SPS	Contact: Paul Donlan
Project is: New [ ] Recurring [ ] Resubmission [ ]	
Multiyear [ x ] Phase _1_ of _5	

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

**Description:**

Scituate operates a fleet of 18 busses. To ensure that students are transported on safe, well maintained busses, these funds support the capital lease of busses over 5 years. Prior to lease, the community implemented a capital purchase plan. However, when bus purchase cycles were unable to be funded, they quickly fell into disrepair and became unreliable and unsafe. This lease, executed by the Board of Selectmen, ensures that bus transportation to and from school, sports, field trips and other events is safe, reliable and sustainable for taxpayers.

**Benefits of Project and Impact if Not Completed:**

Part of 5 year investment plan for transportation to ensure that the community has new, safe busses transporting students each year

**Discuss Operating Budget Impact:**

Puts operating dollars back into the school budget that can go back into the Educational budget to benefit students

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$210,000	\$210,000				
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$210,000</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$210,000</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact	
During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2020-300-5	
Project Title:	Wampatuck Playground
Category:	Equipment
Department: DPW, CPC, SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [x ]    Recurring [ ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

In partnership with Town of Scituate CPC, DPW, Wampatuck PTO and state of Massachusetts, this project aims to replace the Wampatuck Elementary School playground (closest to road - see image). The playground has fallen into disrepair over the years. Several elements have been removed to ensure student safety. The playground needs to be replaced immediately.

**Benefits of Project and Impact if Not Completed:**

Replacing worn out and broken equipment. Enhancing landing areas for student safety.

**Discuss Operating Budget Impact:**

Other sources include: \$30,000 from PTO. Potentially \$30,000 from grant written by district. Remaining funds approved by Scituate CPC

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$300,000	\$300,000					<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$270,000	\$270,000				
<b>Net of CPA and Grants</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2020 - 300 - 3	
Project Title: Technology	
Category:	Equipment
Department:	SPS
Contact:	Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ ]

Multiyear [x ]    Phase 3 of 5

**Description:**

Technology Capital Plan: Upgrade technology hardware and infrastructure: Phase 3 of 5. Upgrade elementary schools phone systems to Voice Over Internet Protocol technology (VOIP). This system replaces failing phone systems across all 4 elementary schools. This equipment will save costs on phone bills going forward as well and allows SPS to manage the phone system in house. In addition, continued replacement of staff and student hardware (computers/laptops). This project is part of a multi-year capital investment in technology hardware across the district to support 21st education for all students.

**Benefits of Project and Impact if Not Completed:**

Part of multi-year investment plan for technology hardware to support 21st century education across district.

**Discuss Operating Budget Impact:**

Save on different vendors handling our phone systems now we will have one.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$110,000	\$110,000				
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$110,000</b>	<b>\$110,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$110,000</b>	<b>\$110,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2020 - 300- 4	
Project Title:	Wampatuck Portico
Category:	Construction
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ x ]    Recurring [ ]    Resubmission [x]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

The portico is original to the building (1957). Repairs have been done to the support stations but full replacement is required to handle annual snow loads. Repairs and regular maintenance has been done but the flat roof of the structure invites water/snow pooling which has worn support posts.

**Benefits of Project and Impact if Not Completed:**

We have repaired this and replaced poles at least twice. This overhangs into the driveway and we have had delivery trucks hit it. This is also a flat roof and for heavy snow loads we have to shovel off. At the very least we should take off the sidewalk portion but that is what makes this the best portico as parents can wait in inclement weather for their students.

**Discuss Operating Budget Impact:**

Manpower for snow loads and outside vendors when this gets hit.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$150,000	\$150,000					<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0							CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0							
Net of CPA and Grants	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$0	

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

Open Space

Recreation

Historical

Housing



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-300-6
Project Title:	HS Carpet
Category:	Construction
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ ]

                  Multiyear [x]    Phase \_1\_ of \_2\_

**Description:**

Replacing carpet in high school library area, office and computer lab. Carpet is nearly 20 years old and is a heavy traffic area of the school used both for library and as a group meeting space for students, staff and community members

**Benefits of Project and Impact if Not Completed:**

High traffic area. has well worn areas that are getting harder to clean. This is 18 years old carpet. If not replaced will continue to wear and doesn't represent the high quality work that goes on in the space.

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$110,000	\$60,000	\$50,000				<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$110,000</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0						CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$110,000</b>	<b>\$60,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

**Operating Budget Impact**

During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0

- Open Space
- Recreation
- Historical
- Housing



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2020-300-3	
Project Title:	Wampatuck Fire Doors
Category:	Construction
Department: SPS	Contact: Paul Donlan

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New    [ x ]      Recurring [ ]      Resubmission [ x ]

Multiyear [ ]      Phase \_\_\_ of \_\_\_

Description:

Fire doors are a fundamental part of a fire suppression system. While the 2014 school renovation did not include fire doors, per the recommendation of the Scituate Fire Department, this project would provide for the installation and integration of fire doors as part of the larger fire suppression system. 8-10 sets of fire doors are needed.

Benefits of Project and Impact if Not Completed:

In case of fire or emergency situation these doors will be shut auto shut to contain the situation.

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$110,000	\$110,000					<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$110,000	\$110,000	\$0	\$0	\$0	\$0	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

		CPA Purpose(s) Check all that apply				
Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$110,000	\$110,000	\$0	\$0	\$0	\$0

Operating Budget Impact						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

# New England School Services, Inc.

98 Hicks Avenue  
Medford, MA 02155

Voice: 617-776-4700  
Fax: 781-396-8088

# QUOTATION

Quote Number: D-WompLibrary  
Quote Date: Oct 29, 2018  
Page: 1

Quoted To:
Scituate Public Schools Office of the Superintendent 606 Chief Justice Cushing Hwy. Scituate, MA 02066

Ship to:
Office of the Superintendent 606 Chief Justice Cushing Hwy. Scituate, MA 02066

Customer ID	Good Thru	Payment Terms	Sales Rep
SCITUAMA	11/28/18	Net 30 Days	John Donohue
Quantity	Item	Description	
		Replace the frame and the doors at the library to allow for locating the doors in a different way in that opening.	
		Install using hardware listed below.	
		Work by others paint or electrical.	
2.00	DOOR-HM18-F	18 gauge fire rated metal door primed and reinforced for hardware	
2.00	GLASS-TEMP- 1/4	1/4" clear tempered glass	
2.00	HINGES-SL11x BRZx83"	Full mortise x BRZ x 83"	
2.00	CLOSER-LCN-4111	LCN 4111 door closer. Finish alum x PA x cush	
1.00	FRAME-HM 16	Metal frame 16 gauge	
1.00	LABOR	Labor to furnish and install material.	
		* Installation is based on work performed Monday through Friday during normal business hours	
2.00	EXIT DEVICE	VD9927-F-L-BE	
2.00	MISC. HARDWARE	Magnets	

Please note that we are vendors under MHEC and Comm Buys

Mass Higher Education Collaborative Vendors ID : MC 13-E05

Combuys Operational Services Division Vendor ID 3000183

Subtotal	9,685.00
Sales Tax	
Freight	
<b>Total</b>	<b>9,685.00</b>

**New England School Services, Inc.**

98 Hicks Avenue  
Medford, MA 02155

Voice: 617-776-4700  
Fax: 781-396-8088

**QUOTATION**

Quote Number: D-ScituateWompatuck  
Quote Date: Oct 29, 2018  
Page: 1

Quoted To:
Scituate Public Schools Office of the Superintendent 606 Chief Justice Cushing Hwy. Scituate, MA 02066

Ship to:
Office of the Superintendent 606 Chief Justice Cushing Hwy. Scituate, MA 02066

Customer ID	Good Thru	Payment Terms	Sales Rep
SCITUAMA	11/28/18	Net 30 Days	John Donohue
Quantity	Item	Description	
		total of 10 locations.160,203,222,Caf1, Caf2, Caf3, Caf 4, 117, 109A, 108.	
		Install new pair of doors in existing frames. 90 Min Fire rating with vision kits, surface vertical rods less bottom rods with lever trims and continuous hinges. Also install a closer on each. Supply 4 magnets, and install on door and wall.	
		ELECTRICAL BY OTHERS	
20.00	DOOR-HM18-F	18 gauge fire rated metal door primed and reinforced for hardware	
20.00	CLOSER	LCN4111 PA CUSH	
20.00	HINGES-SL11x CLRx83"	Full mortise x CLR x 83"	
20.00	GLASS-Fire rated	1/4" fire rated safety glass	
20.00	EXIT DEVICE	VD9927-L-F-BE-LBR	
1.00	LABOR	Labor to furnish and install material.	
		* Installation is based on work performed Monday through Friday during normal business hours	
4.00	MISC. HARDWARE	sets of magnets (2 door and 2 wall mounted in each set).	

Please note that we are vendors under MHEC and Comm Buys

Mass Higher Education Collaborative Vendors ID : MC 13-E05

Combuys Operational Services Division Vendor ID 3000183

Subtotal	102,100.00
Sales Tax	
Freight	
<b>Total</b>	<b>102,100.00</b>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2021-300-4	
Project Title: Hatherly Roof	
Category: Construction	
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New    [ x ]      Recurring [ ]      Resubmission [ ]

Multiyear [ ]      Phase \_\_\_ of \_\_\_

**Description:**

The Hatherly roof is original with the school (1962) with some repairs (2015-16). The repairs were done in areas of the flat roof that were leaking, damaged by weather or worn by age. In 2017-18, more leaks occurred - over the gym and classrooms, part of the a-frame roof. The analysis done through the viability study will outline the scope and costs for full roof replacement for approximately 40,000 square feet of roofing.

**Benefits of Project and Impact if Not Completed:**

Keep leaking will disrupt the educational program in each area where there are leaks. Damage to material and equipment. Damage to flooring.

**Discuss Operating Budget Impact:**

Possible SOI for MSBA accelerated replacement program

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0		TBD			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_ MSBA \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2021 -300 - 2	
Project Title: Lease of Buses	
Category: Equipment	
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ ]

                  Multiyear [ x ]    Phase \_2\_ of \_5

**Description:**

Scituate operates a fleet of 18 busses. To ensure that students are transported on safe, well maintained busses, these funds support the capital lease of busses over 5 years. Prior to lease, the community implemented a capital purchase plan. However, when bus purchase cycles were unable to be funded, they quickly fell into disrepair and became unreliable and unsafe. This lease, executed by the Board of Selectmen, ensures that bus transportation to and from school, sports, field trips and other events is safe, reliable and sustainable for taxpayers.

**Benefits of Project and Impact if Not Completed:**

Part of 5 year investment plan for transportation to ensure that the community has new, safe busses transporting students each year

**Discuss Operating Budget Impact:**

Puts operating dollars back into the school budget that can go back into the Educational budget to benefit students

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$210,000		\$210,000			
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2021-300-01	
Project Title: Replace Flooring	
Category:	
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New    [ ]      Recurring [ ]      Resubmission [ ]

Multiyear [x ]      Phase 2\_of\_3\_

**Description:**

Phase 2 of 3: Replace flooring in all first floor classrooms and cafeteria. Tiles are beginning to crack and peel. Cafeteria tiles are asbestos. Project would replace all existing tiles with same low maintenance flooring surface that is in the Gates facility and now in the main corridor, arts and science wings on the first floor.

**Benefits of Project and Impact if Not Completed:**

Removal of asbestos tiles in cafeteria.

**Discuss Operating Budget Impact:**

No wax floor will save time on stripping and rewaxing twice a year.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$550,000		\$300,000	\$250,000			<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$550,000</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$550,000</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2021 - 300 - 3	
Project Title: Technology	
Category: Equipment	
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ ]

Multiyear [x ]    Phase 4 of 5

**Description:**

Upgrade technology hardware and infrastructure: Phase 4 of 5. Replace existing hardware for VMWare environment. Virtual Management allows a district to maintain it's systems virtually which provides for greater security and backup capabilities. Begin replacement of obsolete WiFi access points throughout the district. Continued replacement of staff and student laptops. This project is part of a multi-year capital investment in technology hardware across the district to support 21st education for all students.

**Benefits of Project and Impact if Not Completed:**

This keeps our servers and WIFI capability to current standards to enhance our student experience.

**Discuss Operating Budget Impact:**

Part of multi-year investment plan for technology hardware to support 21st century education across district.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$280,000		\$150,000	\$130,000		
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$280,000</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$280,000</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2021-300-3	
Project Title:	HS Locker Rooms
Category:	Construction
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ ]

Multiyear [x]    Phase 2 of 2

**Description:**

This project proposal is a follow up to the FY2019 redesign of the locker rooms - Phase 2 of 2. Renovation of boys and girls locker rooms addresses structural needs as well as better design to meet student needs. This project is part of a multi-year redesign and renovation plan for locker rooms.

**Benefits of Project and Impact if Not Completed:**

Locker space for all sports, incorporating large and smaller team equipment. Eliminating some showers to put in some meeting spaces will enhance the space for team activities.

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$500,000	\$500,000					<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0						CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

<b>Operating Budget Impact</b>							
During Project	\$0						<input type="checkbox"/> Open Space
Post-Project Annual							<input type="checkbox"/> Recreation
Post-Project One-time	\$0						<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2021-300-6	
Project Title: Jenkins Roof	
Category: Construction	
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [x]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Full roof replacement. As of this year, the roof will be 20 years old. It has been well maintained and the sloped angle is beneficial for our region. However, despite this, it has begun to leak in some areas. Regular maintenance has helped and small repairs can address the needs as they arise. A roof analysis must first be done to evaluate the extent of the issues. If this project is ultimately approved through MSBA, it would likely be slated for one year. If the project is not picked up by MSBA, it may be phased: Main School, then gym roof

**Benefits of Project and Impact if Not Completed:**

Impact would be continuing to patch roof. Leaks in classrooms and gym.

**Discuss Operating Budget Impact:**

Possible SOI for MSBA accelerated replacement program

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$1,200,000		\$1,200,000			
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_ MSBA \_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2021-300-5			
Project Title:	Cushing Parking Lot		
Category:	Construction		
Department: DPW/SPS	Contact:	Paul Donlan	
Project is:	New [ ]	Recurring [ ]	Resubmission [ ]
	Multiyear [ x ]	Phase __1__ of __3__	

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

**Description:**

The Cushing Elementary School driveway and parking lots have deteriorated over the past several years and are in significant need of repair. Freezing/thawing cycles have left the asphalt cracked and crumbling. Repairs and patches have been applied to the most significantly affected areas but the entire area is in need of full resurfacing to ensure safe travel around the school. Phase 1 of 3

**Benefits of Project and Impact if Not Completed:**

Plowing and snow removal will be easier, accessibility for our challenged students as well as adults will be better.

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$347,102		\$347,102			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$347,102</b>	<b>\$0</b>	<b>\$347,102</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$347,102</b>	<b>\$0</b>	<b>\$347,102</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**PRELIMINARY ESTIMATE CHAPTER 90 FORCE ACCOUNT**

CONSTRUCTION PROJECT **Cushing School Paving**

TOWN: SCITUATE

LENGTH: DATE:

WIDTH

12,620 S/Y

**CHAP 90**

TONS MACHINE WORK

TONS HAND WORK

S/Y Sidewalk

*UP DATED  
9/26/18*

QUANTITY	UNIT	KIND OF WORK	PRICE	AMOUNT
3	EA	Gates - (ADJUST)	\$200.00	\$ 600.00
6	EA	STRUCTURES - (ADJUST)	\$200.00	\$ 1,200.00
	VFT	STRUCTURES 6" VERTICAL	\$350.00	\$ -
	VFT	LESS THAN 6"VF STRUCTURES	\$195.00	\$ -
	EA	PRE CAST DRAINAGE STRUCTURE	\$675.00	\$ -
12,620	SY	RECLAMATION	\$3.00	\$ 37,860.00
300	CY	EXCESS MATERIAL	\$4.00	\$ 1,200.00
12620	SY	FINE GRADE/COMPACT	\$1.00	\$ 12,620.00
	SY	Cold Plan 2"	\$2.70	\$ -
1190	L/FT	Sidewalk Rebuild with curb	\$45.00	\$ 53,550.00
	S/Y	Bit. Concrete sidewalk construction	\$44.90	\$ -
	L/FT	sawcutting (sidewalk)	\$1.00	\$ -
	Ton	Gravel (sidewalk)	\$24.00	\$ -
	Gal	TACK TRUCK	\$4.60	\$ -
1767	TON	BITUMINOUS CONC. BINDER 2.5	\$80.00	\$ 141,360.00
1060	TON	BITUMINOUS CONC. MACHINE TOP COURSE 2	\$80.00	\$ 84,800.00
	TON	BITUMINOUS CONC. LEVELING 1"	\$80.00	\$ -
50	TON	BITUMINOUS CONC. HANDWORK	\$150.00	\$ 7,500.00
	HR	2 POLICE DETAILS	\$46.77	\$ -
25	CY	LOAM	\$20.00	\$ 500.00
200	SY	HYDRO-SEED	\$10.00	\$ 2,000.00
	HR	Excavation and Removal around guardrail	\$120.00	\$ -
3	EA	FRAME& GRATE/COVER	\$250.00	\$ 750.00
50	LFT	Plastic or Cement 12" Pipe 12" installed	\$45.00	\$ 2,250.00
	EA	PRE CAST DRAINAGE LEACHING STRUCTURE INSTALLED	\$2,250.00	\$ -
1200	LFT	Line Striping (Single center line Thermoplastic)	\$0.76	\$ 912.00
	EA	PRECAST HEADWALL	\$3,000.00	\$ -
	EA	4"-6" RIP RAP ROCK	\$1,000.00	\$ -
	HR	Grader (for patching)	\$90.00	\$ -
	HR	10-TON VIBRATOR ROLLER	\$120.00	\$ -
	HR	10 Wheel Truck	\$60.00	\$ -
	SY	CEMENT TRUCK (MIN. 4 YARDS)	\$110.00	\$ -
		ESTIMATED TOTAL		\$ 347,102.00



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2022 -300 - 2	
Project Title: Lease of Buses	
Category: Equipment	
Department: SPS	Contact:
Project is: New [ ] Recurring [ ] Resubmission [ ]	
Multiyear [ x ] Phase 3 of 5	

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

**Description:**

Scituate operates a fleet of 18 busses. To ensure that students are transported on safe, well maintained busses, these funds support the capital lease of busses over 5 years. Prior to lease, the community implemented a capital purchase plan. However, when bus purchase cycles were unable to be funded, they quickly fell into disrepair and became unreliable and unsafe. This lease, executed by the Board of Selectmen, ensures that bus transportation to and from school, sports, field trips and other events is safe, reliable and sustainable for taxpayers.

**Benefits of Project and Impact if Not Completed:**

Part of 5 year investment plan for transportation to ensure that the community has new, safe busses transporting students each year

**Discuss Operating Budget Impact:**

.Puts operating dollars back into the school budget that can go back into the Educational budget to benefit students

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$210,000			\$210,000			<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2022 - 300 - 3	
Project Title: Technology	
Category: Equipment	
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ ]

Multiyear [x ]    Phase 5 of 5

**Description:**

Upgrade technology hardware and infrastructure: Phase 5 of 5. Replacement of SHS phone system with VOIP system will complete the full VOIP capital improvement. Finish replacement of older WiFi Access Point infrastructure throughout the district. Complete replacement of staff and student laptops for 5 year cycle. This project is part of a multi-year capital investment in technology hardware across the district to support 21st education for all students.

**Benefits of Project and Impact if Not Completed:**

VOIP will eliminate the need for multiple vendors to service our internal/external phone systems.

**Discuss Operating Budget Impact:**

Part of multi-year investment plan for technology hardware to support 21st century education across district.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$130,000			\$130,000			<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2022-300-7	
Project Title:	Cushing Window Replace
Category:	Construction
Department:	SPS
Contact:	Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

Existing windows are 1960s single pane windows. They leak and are not energy efficient. Many of the windows no longer open. Fully replacing all existing windows with modern, double pane windows will improve heating and cooling as well as energy efficiency

**Benefits of Project and Impact if Not Completed:**

Constant maintenance. No airflow as some of these windows don't open.

**Discuss Operating Budget Impact:**

Maintenance dollars and heating costs going out the window.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0			TBD		
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_ MSBA

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

<b>Operating Budget Impact</b>	
During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0





TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2022 - 300- 5	
Project Title:	HS Roof Replacement
Category:	Construction
Department: SPS	Contact: Paul Donlan

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

Description:

Full roof replacement. This roof has been well maintained but it has begun to leak as it is over 25 years old in some areas. Regular maintenance has helped and small repairs can address the needs as they arise. A roof analysis must first be done to evaluate the extent of the issues. If this project is ultimately approved through MSBA, it would likely be slated for one year. If the project is not picked up by MSBA, it may be phased: Main School then Gym Area, Boiler Room, New Admin and Small Gym roofs

Benefits of Project and Impact if Not Completed:

If we wait this will disrupt the Educational Program in these spaces. Damage to materials and equipment. Damage to flooring.

Discuss Operating Budget Impact:

Maintenance dollars on repairing roof leaks.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		FY2020	FY2021	FY2022	FY2023	FY2024	<input checked="" type="checkbox"/> Tax Levy	<input checked="" type="checkbox"/> Debt
Study/Design	\$0						<input type="checkbox"/> Enterprise Retained Earnings	<input checked="" type="checkbox"/> Capital Stabilization
Land Acquisition	\$0						<input checked="" type="checkbox"/> Free Cash	<input type="checkbox"/> Revolving Fund
Construction	\$1,000,000			\$1,000,000			<input type="checkbox"/> CPA	<input checked="" type="checkbox"/> Grant(s) or Other MSBA
Equipment/Furnishings	\$0							
Contingency	\$0							
Other	\$0							
<b>TOTAL</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>		

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2022-300-03	
Project Title:	Replace Flooring
Category:	Furnishing
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring    [ ]    Resubmission    [ ]

Multiyear    [x ]    Phase \_3\_ of \_3\_

**Description:**

Phase 3 of 3: Second Floor Corridors. Tiles are beginning to crack and peel. Project would replace all existing tiles with same low maintenance flooring surface that is in the Gates facility and now in the main corridors on the first floor.

**Benefits of Project and Impact if Not Completed:**

2nd floor classrooms have carpeting that was installed just a few years ago. While it would be nice to tie all flooring together

**Discuss Operating Budget Impact:**

This will save maintenance dollars on stripping and rewaxing floors.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$250,000			\$250,000			<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
							<input type="checkbox"/> CPA
<b>TOTAL</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> Grant(s) or Other _____ MSBA

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2022-300-5	
Project Title:	Hatherly Parking Lot
Category:	Construction
Department: DPW/SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ ]

                  Multiyear [ x ]    Phase \_\_1\_\_ of \_\_3\_\_

**Description:**

The Hatherly Elementary School driveway and parking lots (approx. 60,000 square yards) have deteriorated over the past several years and are in significant need of repair. Freezing/thawing cycles have left the asphalt cracked and crumbling. In addition, ADA standard curb cuts are required to access the school. These curb cuts are required to ensure that disabled students can access the building. This deficiency has been noted by the Office of Civil Rights and is required as part of a remediation action with their state office. Phase 2 of 3.

**Benefits of Project and Impact if Not Completed:**

Plowing and snow removal will be easier, accessibility for our challenged students as well as adults will be better.

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$264,704			\$264,704			<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$264,704</b>	<b>\$0</b>	<b>\$0</b>	<b>\$264,704</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$264,704</b>	<b>\$0</b>	<b>\$0</b>	<b>\$264,704</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**PRELIMINARY ESTIMATE CHAPTER 90 FORCE ACCOUNT**

CONSTRUCTION PROJECT: **Hatherly School Paving**

TOWN: SCITUATE

LENGTH: DATE:

WIDTH

8,900

S/Y

**CHAP 90**

TONS MACHINE WORK

TONS HAND WORK

S/Y Sidewalk

QUANTITY	UNIT	KIND OF WORK	PRICE	AMOUNT
4	EA	Gates - (ADJUST)	\$200.00	\$ 800.00
6	EA	STRUCTURES - (ADJUST)	\$200.00	\$ 1,200.00
	VFT	STRUCTURES 6" VERTICAL	\$350.00	\$ -
	VFT	LESS THAN 6"VF STRUCTURES	\$195.00	\$ -
1	EA	PRE CAST DRAINAGE STRUCTURE	\$675.00	\$ 675.00
8,900	SY	RECLAMATION	\$3.00	\$ 26,700.00
300	CY	EXCESS MATERIAL	\$4.00	\$ 1,200.00
8900	SY	FINE GRADE/COMPACT	\$1.00	\$ 8,900.00
	SY	Cold Plan 2"	\$2.70	\$ -
1285	L/FT	Sidewalk Rebuild with curb	\$45.00	\$ 57,825.00
	S/Y	Bit. Concrete sidewalk construction	\$45.00	\$ -
	L/FT	sawcutting (sidewalk)	\$1.00	\$ -
	Ton	Gravel (sidewalk)	\$24.00	\$ -
	Gal	TACK TRUCK	\$4.60	\$ -
742	TON	BITUMINOUS CONC. BINDER 2.5	\$80.00	\$ 59,360.00
742	TON	BITUMINOUS CONC. MACHINE TOP COURSE 2.5	\$80.00	\$ 59,360.00
	TON	BITUMINOUS CONC. LEVELING 1"	\$80.00	\$ -
80	TON	BITUMINOUS CONC. HANDWORK	\$150.00	\$ 12,000.00
	HR	2 POLICE DETAILS	\$46.77	\$ -
	CY	LOAM	\$20.00	\$ -
	SY	HYDRO-SEED	\$10.00	\$ -
	HR	Excavation and Removal around guardrail	\$120.00	\$ -
	EA	FRAME& GRATE/COVER	\$250.00	\$ -
800	LFT	Plastic or Cement 12" Pipe 12" installed	\$45.00	\$ 36,000.00
	EA	PRE CAST DRAINAGE LEACHING STRUCTURE INSTALLED	\$2,250.00	\$ -
900	LFT	Line Striping (Single center line Thermoplastic)	\$0.76	\$ 684.00
	EA	PRECAST HEADWALL	\$3,000.00	\$ -
	EA	4"-6" RIP RAP ROCK	\$1,000.00	\$ -
	HR	Grader (for patching)	\$90.00	\$ -
	HR	10-TON VIBRATOR ROLLER	\$120.00	\$ -
	HR	10 Wheel Truck	\$60.00	\$ -
	SY	CEMENT TRUCK (MIN. 4 YARDS)	\$110.00	\$ -
		ESTIMATED TOTAL		\$ 264,704.00



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2022-300-04	
Project Title:	Elementary School Sink Issue
Category:	Equipment
Department:	SPS
Contact:	Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ x ]    Recurring [ ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Cushing, Hatherly and Wampatuck each have a number of sinks that are currently out of order or too old to safely operate. This project would group the plumbing work for all three buildings (saving time and cost) and replacing the inoperable sinks and pipes connecting the sinks to the main.

**Benefits of Project and Impact if Not Completed:**

Sinks in classrooms are closed due to lead testing in pipes. Our State started this initiative for testing and then it is on the Districts to finish up and make these classrooms sinks operable and safe.

**Discuss Operating Budget Impact:**

We do not know the extent of this situation as do most districts throughout the Commonwealth.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0			TBD			<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	<input type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other MSBA

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$0	\$0	\$0	\$0	\$0	\$0

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2023 -300 - 2	
Project Title: Lease of Buses	
Category: Equipment	
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:	New [ ]	Recurring [ ]	Resubmission [ ]
	Multiyear [ x ]	Phase _4_ of _5	

**Description:**

Scituate operates a fleet of 18 busses. To ensure that students are transported on safe, well maintained busses, these funds support the capital lease of busses over 5 years. Prior to lease, the community implemented a capital purchase plan. However, when bus purchase cycles were unable to be funded, they quickly fell into disrepair and became unreliable and unsafe. This lease, executed by the Board of Selectmen, ensures that bus transportation to and from school, sports, field trips and other events is safe, reliable and sustainable for taxpayers.

**Benefits of Project and Impact if Not Completed:**

Part of 5 year investment plan for transportation to ensure that the community has new, safe busses transporting students each year.

**Discuss Operating Budget Impact:**

Puts operating dollars back into the school budget that can go back into the Educational budget to benefit students

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$210,000				\$210,000		<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$210,000</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested		CPA Purpose(s) Check all that apply				
Grant Amount Requested	\$0	<input type="checkbox"/> Open Space	<input type="checkbox"/> Recreation	<input type="checkbox"/> Historical	<input type="checkbox"/> Housing	
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$210,000</b>	<b>\$0</b>

**Operating Budget Impact**

During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2019 - FY2023

Date submitted: 11/10/17

Date of Last Edit: \_\_\_\_\_

Project Number:	2023-300-6		
Project Title:	School Technology		
Category:	Equipment		
Department:	School	Contact:	School SuperIntendent

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ x ]    Resubmission [ ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

Description:

Upgrade school technology to support educational curriculum.

Benefits of Project and Impact if Not Completed:

To maintain and enhance current technology options in school system.

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$100,000					\$100,000	<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2023-300-8	
Project Title:	Hatherly Univents
Category:	Equipment
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ x ]    Recurring [ ]    Resubmission [ ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

In 2015-16, the district replaced all of the unit ventilators in Cushing Elementary School as the top priority identified by the AMERSCO Efficiency study. Hatherly was also identified for unit ventilator replacement and is overdue for this.

**Benefits of Project and Impact if Not Completed:**

Fresh air to each individual room. These univents are old and although we clean and change filters it is getting tougher

**Discuss Operating Budget Impact:**

Parts for these older units are becoming harder and harder to procure.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$500,000				\$500,000		<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input checked="" type="checkbox"/> Revolving Fund
							<input type="checkbox"/> CPA
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					





TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2019 - FY2023

Date submitted: 10/30/17\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2023-300---
Project Title: Kitchen Redesign of	
Category: Building Renovation	
Department: School- Wampatuck	Contact: Paul Donlan

Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

Department Priority:

- Urgent/Legally Required  
 Maintain Service  
 Enhancement

Description:

Complete redesign of the kitchen area. We would need to replace the freezer, dishwasher, stoves and serving area. We need to redo the bathroom and office area in the kitchen. Also the storage area needs to be replaced.

Benefits of Project and Impact if Not Completed:

Efficiencies and better organization of our Lunch Program.

Discuss Operating Budget Impact:

Savings on continued upkeep of our freezer, plumbing and drains.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$40,000					\$40,000	<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$350,000					\$350,000	<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
							<input type="checkbox"/> CPA
TOTAL	\$390,000	\$0	\$0	\$0	\$0	\$390,000	<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$390,000	\$0	\$0	\$0	\$0	\$390,000

- CPA Purpose(s)  
Check all that apply
- Open Space  
 Recreation  
 Historical  
 Housing

Operating Budget Impact

During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2023-300-8		
Project Title:	Main Floor HS Gym	
Category:	Furnishing	
Department:	SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ ]

                  Multiyear [x]    Phase \_\_1\_\_ of \_\_2\_\_

**Description:**

The flooring for this gymnasium is original with the building which puts them at about 65 years old. They have been very well maintained over the years but the gym surface will need replacement to keep up with the constant use by sports teams nearly all year round. This would be for the Main HS gym floor.

**Benefits of Project and Impact if Not Completed:**

Sanding has been done but needs to be done again. Only so much we can do. Constant use. We have repainted lines and replaced sections where soft spots were.

**Discuss Operating Budget Impact:**

Manpower and replacement are most of the costs. We do the coating every year before basketball.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$450,000				\$225,000	\$225,000	<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$450,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,000</b>	<b>\$225,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0						<b>CPA Purpose(s)</b> Check all that apply
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$450,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,000</b>	<b>\$225,000</b>	
<b>Operating Budget Impact</b>							
During Project	\$0						<input type="checkbox"/> Open Space
Post-Project Annual							<input type="checkbox"/> Recreation
Post-Project One-time	\$0						<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2023-300-7	
Project Title:	Cushing Portico
Category:	Construction
Department:	SPS
Contact:	Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ x ]    Recurring [ ]    Resubmission [ ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

The portico in the front of the building is original with the school (1965) and despite maintenance and repairs over the years, is in need of replacement. For each snow storm, custodians must climb up and shovel it to ensure safety.

**Benefits of Project and Impact if Not Completed:**

These are flat roofs and will need to be either repaired or replaced.

**Discuss Operating Budget Impact:**

Costs are TBD and will be based on the study that we are currently conducting.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0				TBD	
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2023-300-5	
Project Title:	Wampatuck Parking Lot
Category:	Construction
Department: DPW/SPS	SPS/DPW
Contact:	Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ ]

                  Multiyear [ x ]    Phase \_1\_ of \_3

**Description:**

The Wampatuck Elementary School driveway and parking lots (approx. 72,000 square yards) have deteriorated over the past several years and are in significant need of repair. Freezing/thawing cycles have left the asphalt cracked and crumbling. In addition, the school also utilizes part of the asphalt area for recess, PE classes and community recreational use. Phase 3 of 3.

**Benefits of Project and Impact if Not Completed:**

Plowing and snow removal will be easier, accessibility for our challenged students as well as adults will be better.

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$303,673				\$303,673	
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$303,673</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$303,673</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$303,673</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$303,673</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

# PRELIMINARY ESTIMATE CHAPTER 90 FORCE ACCOUNT

CONSTRUCTION PROJECT: Wampatuck School

TOWN: SCITUATE

LENGTH: DATE:

WIDTH

0 S/Y

## CHAP 90

TONS MACHINE WORK

TONS HAND WORK

7161 S/Y Sidewalk

QUANTITY	UNIT	KIND OF WORK	PRICE	AMOUNT
3	EA	7161	\$200.00	\$ 600.00
4	EA	STRUCTURES - (ADJUST)	\$200.00	\$ 800.00
2	VFT	STRUCTURES 6" VERTICAL	\$350.00	\$ 700.00
	VFT	LESS THAN 6"VF STRUCTURES	\$195.00	\$ -
	EA	PRE CAST DRAINAGE STRUCTURE	\$675.00	\$ -
7,161	SY	RECLAMATION	\$4.00	\$ 28,644.00
300	CY	EXCESS MATERIAL	\$4.00	\$ 1,200.00
7161	SY	FINE GRADE/COMPACT	\$1.00	\$ 7,161.00
	SY	Cold Plan 2"	\$2.70	\$ -
1301	L/FT	Sidewalk Rebuild with curb	\$45.00	\$ 58,545.00
	S/Y	Bit. Concrete sidewalk construction	\$44.90	\$ -
	L/FT	sawcutting (sidewalk)	\$1.00	\$ -
	Ton	Gravel (sidewalk)	\$24.00	\$ -
	Gal	TACK TRUCK	\$4.60	\$ -
1002	TON	BITUMINOUS CONC. BINDER 2.5	\$80.00	\$ 80,160.00
601	TON	BITUMINOUS CONC. MACHINE TOP COURSE 1.5	\$80.00	\$ 48,080.00
	TON	BITUMINOUS CONC. LEVELING 1"	\$78.00	\$ -
75	TON	BITUMINOUS CONC. HANDWORK	\$150.00	\$ 11,250.00
	HR	2 POLICE DETAILS	\$46.77	\$ -
100	CY	LOAM	\$20.00	\$ 2,000.00
400	SY	HYDRO-SEED	\$10.00	\$ 4,000.00
	HR	Excavation and Removal around guardrail	\$120.00	\$ -
4	EA	FRAME& GRATE/COVER	\$250.00	\$ 1,000.00
1301	LFT	Plastic or Cement 12" Pipe 12" installed	\$45.00	\$ 58,545.00
	EA	PRE CAST DRAINAGE LEACHING STRUCTURE INSTALLED	\$2,250.00	\$ -
1300	LFT	Line Striping (Single center line Thermoplastic)	\$0.76	\$ 988.00
	EA	PRECAST HEADWALL	\$3,000.00	\$ -
	EA	4"-6" RIP RAP ROCK	\$1,000.00	\$ -
	HR	Grader (for patching)	\$90.00	\$ -
	HR	10-TON VIBRATOR ROLLER	\$120.00	\$ -
	HR	10 Wheel Truck	\$60.00	\$ -
	SY	CEMENT TRUCK (MIN. 4 YARDS)	\$110.00	\$ -
		ESTIMATED TOTAL		\$ 303,673.00



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2024-300-2	
Project Title: Lease of Buses	
Category: Equipment	
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ ]

                  Multiyear [ x ]    Phase \_5\_ of \_5

**Description:**

Scituate operates a fleet of 18 busses. To ensure that students are transported on safe, well maintained busses, these funds support the capital lease of busses over 5 years. Prior to lease, the community implemented a capital purchase plan. However, when bus purchase cycles were unable to be funded, they quickly fell into disrepair and became unreliable and unsafe. This lease, executed by the Board of Selectmen, ensures that bus transportation to and from school, sports, field trips and other events is safe, reliable and sustainable for taxpayers.

**Benefits of Project and Impact if Not Completed:**

Part of 5 year investment plan for transportation to ensure that the community has new, safe busses transporting students each year.

**Discuss Operating Budget Impact:**

Puts operating dollars back into the school budget that can go back into the Educational budget to benefit students.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$210,000					\$210,000	<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$210,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$210,000</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2024 - 300- 6	
Project Title:	Wampatuck Flooring Replacement
Category:	Furnishing
Department: SPS	Contact: Paul Donlan

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [x]    Recurring [ ]    Resubmission [ ]

                                 Multiyear [ ]    Phase \_\_\_ of \_\_\_

Description:

As part of the 2014 renovation, only a portion of the flooring has been replaced. The remaining tiles are original with the building (1957) and are in need of replacement.

Benefits of Project and Impact if Not Completed:

Although not a problem at present there is the probability of mastic and removing this hot material will make a better school.

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$250,000					\$250,000	<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0						CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	
<b>Operating Budget Impact</b>							
During Project	\$0						<input type="checkbox"/> Open Space
Post-Project Annual							<input type="checkbox"/> Recreation
Post-Project One-time	\$0						<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2024 - 300-7	
Project Title:	Wampatuck Teachers Room
Category:	Construction
Department: SPS	Contact: Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

                  Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

The Wampatuck Teacher's room is in need of enhancements and upgrades. It is utilized for planning, collaboration and sometimes even meetings. Renovating the room would modernize and enhance the planning space for staff.

**Benefits of Project and Impact if Not Completed:**

Fosters good relations with our Teachers makes them feel more comfortable to do planning, have lunch with colleagues and have some quiet time.

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$40,000					\$40,000	<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$40,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$40,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$40,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$40,000</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: **October 2016**

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2024 - 300- 5	
Project Title: <b>Wampatuck Roof Replacement</b>	
Category: <b>Construction</b>	
Department: <b>SPS</b>	Contact: <b>Paul Donlan</b>
Project is: <b>New</b> [x]    Recurring [ ]    Resubmission [ ]	
Multiyear [ ]    Phase ___ of ___	

Department Priority:	
<input type="checkbox"/>	Urgent/Legally Required
<input checked="" type="checkbox"/>	Maintain Service
<input type="checkbox"/>	Enhancement

**Description:**  
Replace approx 30,000 square feet of roofing materials. Currently does not leak but parts of the roof are between 20 - 35 years old. This project will allow the community to do a full roof replacement which is intended to proactively address the age and patchwork of this roof.

**Benefits of Project and Impact if Not Completed:**  
We have very few leaks in this building and have been keeping up with maintainance but eventually this roof will need replacing. If it leaks it will disrupt the Educational Programs within the school. Possible damage to equipment and materials. Possible damage to flooring with uplifiting tiles etc.

**Discuss Operating Budget Impact:**  
spending maintainence dollars on roofs when could be used elsewhere

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$300,000					\$300,000
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>

- Funding Source(s)**  
Check all that apply
- Tax Levy
  - Debt
  - Enterprise Retained Earnings
  - Capital Stabilization
  - Free Cash
  - Revolving Fund
  - CPA
  - Grant(s) or Other

Grant Amount Requested	\$0				
CPA Amount Requested	\$0				
<b>Net of CPA and Grants</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>

- CPA Purpose(s)**  
Check all that apply
- Open Space
  - Recreation
  - Historical
  - Housing

<b>Operating Budget Impact</b>					
During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number: 2024-300-8	
Project Title:	Small Gym HS
Category:	Furnishing
Department:	SPS
Contact:	Paul Donlan

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ ]

Multiyear [x]    Phase   2   of   2  

**Description:**

The flooring is about 25 years old. They have been very well maintained over the years but the gym surface will need replacement to keep up with the constant use by sports teams nearly all year round. This would be for the Small HS gym floor.

**Benefits of Project and Impact if Not Completed:**

We have had to replace certain portions of this floor because of leaks.

**Discuss Operating Budget Impact:**

Repair and replace of certain portions. Eventually we are going to sand down to where we can't sand anymore and the only option will be replacing.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$225,000					\$225,000	<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input checked="" type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$225,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$225,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,000</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2019 - FY2023**

Date submitted: 9/28/17

Date of Last Edit: 12/15/17\_

Project Number:	FY 2019-630-02		
Project Title:	Replacement of Track		
Category:	Construction		
Department:	Recreation	Contact:	Maura Glancy

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: NEW  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

**Description:**

The track is approximately 15-17 years old and has approached a critical state of repairs. The track is composed of six layers of rubber and latex granules placed on top of an asphalt base. The bottom four layers (black) are the foundation for the track and the top two layers are the color (red) and UV protection. The UV protection layers prevent the four layers underneath from breaking down from UV exposure. The UV surface of the track began to break down about four years ago causing cracking and pitting of the track surface. The track was built with only six lines and requirements for a standard high school track are eight lines for the long stretch to converge down to six lines for the remainder of the loop. Phase 1 includes the hardscape repairs. An optional Phase 2 of \$370,000 would include bleachers and a press box and is not included in the cost listed below.

**Benefits of Project and Impact if Not Completed:**

These years ago both turf and track were introduced for repairs before the break down of the infrastructure. The Town awarded funds for the turf carpet to be replaced but the track was withdrawn at that time. Due to the delay the track renovation cost has increased. It was suggested by two vendors providing estimates that the two projects should be done simultaneously to be more cost effective and less impactful on the students and citizens using the facility.

**Discuss Operating Budget Impact:**

The longer the project is delayed, the higher the cost will be to make the repairs. A consultant has examined the track and the turf field and provided a comprehensive estimate of the needed repairs to make the facilities compliant and safe.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		FY2019	FY2020	FY2021	FY2022	FY2023	<input checked="" type="checkbox"/> Tax Levy	<input checked="" type="checkbox"/> Debt
Study/Design	\$0						<input type="checkbox"/> Enterprise Retained Earnings	
Land Acquisition	\$0						<input checked="" type="checkbox"/> Capital Stabilization	
Construction	\$0						<input checked="" type="checkbox"/> Free Cash	
Equipment/Furnishings	\$1,619,300	\$1,619,300					<input type="checkbox"/> Revolving Fund	
Contingency	\$298,395	\$298,395					<input checked="" type="checkbox"/> CPA	
Other	\$0						<input type="checkbox"/> Grant(s) or Other	
<b>TOTAL</b>	<b>\$1,917,695</b>	<b>\$1,917,695</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

CPA Purpose(s) Check all that apply	
<input type="checkbox"/> Open Space	
<input checked="" type="checkbox"/> Recreation	
<input type="checkbox"/> Historical	
<input type="checkbox"/> Housing	

**Operating Budget Impact**

Grant Amount Requested	\$0
CPA Amount Requested	\$0
<b>Net of CPA and Grants</b>	<b>\$1,917,695</b>

During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0

Project has been submitted to CPC for FY 2019.



Opinion of Probable Cost  
 Birchwood Design Group  
 December 11 2017

### Opinion of Probable Cost - Scituate High School Field and Track

Item	Quantity	Unit	Unit Price	Total
<b>Site Preparation/Demolition</b>				
Remove & Dispose of Field and Track	1	LS	\$35,000	\$35,000
Erosion Controls	2,000	LF	\$3	\$10,000
<b>Subtotal</b>				<b>\$45,000</b>
<b>Phase 1 Track &amp; Field Improvements</b>				
Fine Grading of Synthetic Turf Field	1	LS	\$25,000	\$25,000
Rough Grading of Track and Field	1	LS	\$35,000	\$35,000
HMA with 6" Stone base- D Areas and Long Jump	7,029	SY	\$32	\$226,000
Synthetic Turf	89,339	SF	\$4.00	\$357,400
Shock Pad	89,339	SF	\$1.00	\$89,400
Field Barrier Netting	440	LF	\$130.00	\$57,200
Football Soccer Goal Pak	1	LS	\$35,000	\$35,000
Track Surface	7,029	SY	\$50	\$351,500
Base and Finishing Stone Subbase	1	LS	\$120,000	\$120,000
Slot Drain/Trench Drain	1,312	LF	\$60	\$78,800
PCC Field Curb	440	LF	\$40	\$17,600
Field Drainage	1	LS	\$60,000	\$60,000
Discus Cage	1	LS	\$35,000	\$35,000
Shotput	1	EA	\$7,500	\$7,500
Long Jump runways and Pits	2	EA	\$8,000	\$16,000
4' Fence	1,550	LF	\$18	\$27,900
Storage	4	EA	\$9,000	\$36,000
<b>Subtotal</b>				<b>\$1,874,300</b>
<b>Bleachers Phase II</b>				
Home Bleachers	1,200	EA	\$225	\$270,000
Improvements to Visitor Bleachers	1	LS	\$25,000	\$25,000
Press Box	1	LS	\$75,000	\$75,000
<b>Subtotal</b>				<b>\$370,000</b>
<b>Subtotal Phase I &amp; II</b>				<b>\$1,889,300</b>
<b>SUBTOTAL OF SITE CONSTRUCTION ITEMS</b>			<b>TOTAL</b>	<b>\$1,889,300</b>
<b>GENERAL CONDITIONS, BOND, CONTRACTOR OH&amp;P</b>				<b>\$198,930</b>
<b>CONTINGENCY</b>				<b>\$99,465</b>
<b>TOTAL</b>				<b>\$2,288,000</b>



Town of Sci...  
 Capital Plan - FY 2020-2024  
 Criteria Points-Summary  
 Sorted by Fund, Department, Year & Score

11/8/2018

Total	Project	Project #	Department	Year	Fund	Request	Comment
48	SCTV Studio Relocation	2022-159-03	PEG Access	2022	PEG	\$ 225,000	PEG Access funds
					<b>PEG Total</b>	<b>\$ 225,000</b>	



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 09/27/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2022-159-03		
Project Title:	Scituate Community Television Studio Relocation		
Category:			
Department:	Cable Television	Contact:	Seth Pfeiffer

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

**Description:**

Scituate Community Television is looking to relocate its current main studios to a new location that would allow Scituate residents easy access to the studio, equipment, and media technologies. SCTV's current location within the Scituate High School does not allow for residents to visit on a regular basis. This prevents town residents from producing and creating content that would inform the entire town of Scituate.

A studio relocation would take three years and include a new studio (with set stage, three cameras, directors station, and lights), a editing suite (with four computers featuring editing technology), two offices (one for staff, one for equipment), and most importantly direct access to SCTV for Scituate residents.

**Benefits of Project and Impact if Not Completed:**

A new studio location for SCTV that offers direct access for Scituate residents would result in a state of the art town that not only has knowledge of the latest media technologies but knows how to use it. In addition, Scituate residents would be able to create, produce, and share with the town their thoughts and opinions on all matters that directly impact all who visit the town of Scituate.

Without a new studio that offers direct access to Scituate residents, Scituate Community Television will certainly continue and exist, however vital information that can be provided from Scituate residents will either not be delivered in a timely or successful manner or not heard at all.

**Discuss Operating Budget Impact:**

Scituate Community Television's budget is independent of the town's budget and will not have a direct impact on community funding.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$200,000		\$100,000	\$100,000			<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$25,000		\$25,000				<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input checked="" type="checkbox"/> Revolving Fund
							<input type="checkbox"/> CPA
<b>TOTAL</b>	<b>\$225,000</b>	<b>\$0</b>	<b>\$125,000</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

Town of Scituate  
Capital Plan - FY 2020-2024  
Criteria Points-Summary  
Sorted by Fund, Department, Year & Score

Total	Project	Project #	Department	Year	Fund	Request	Comment
63	Widows Walk Upgrades (Clubhouse & Site)	2020-661-01	Widows Walk	2020	Golf	\$ 940,000	
					<b>Golf Total</b>	<b>\$ 940,000</b>	





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/20/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-661-01	
Project Title:	Widows Walk Improvements	
Category:	Equipment	
Department:	Widows Walk	Contact: Kevin Kelly/Bob Sanderson

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission X

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Provide funds to perform renovations & improvements to Widow Walk Clubhouse. Each details of improvements will be dictated by design services conducted in winter 2018. Tasks will include but not be limited to: Kitchen Upgrade, bathroom renovation/re-location, carpeting, exterior repair & enhancements, ADA improvements and parking lot paving

**Benefits of Project and Impact if Not Completed:**

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		2020	2021	2022	2023	2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$940,000	\$940,000				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$940,000</b>	<b>\$940,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

W Walk Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$940,000</b>	<b>\$940,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

Town of Scioto  
 Capital Plan - FY 2020-2024  
 Criteria Points-Summary  
 Sorted by Fund, Department, Year & Score

Total	Project	Project #	Department	Year	Fund	Request	Comment
68	SCADA Upgrade Phase 4	2020-440-01	Sewer	2020	S	\$ 330,000	
62	OSHA & SPCC Compliance	2020-440-03	Sewer	2020	S	\$ 30,000	
57	Clarifier Upgrade	2020-440-06	Sewer	2020	S	\$ 203,775	
49	Dewatering Heating System Replacement	2020-440-05	Sewer	2020	S	\$ 100,000	
47	Assessment of Wastewater Treatment Plant	2020-440-02	Sewer	2020	S	\$ 65,000	
73	Infiltration/Inflow- Oceanside	2021-440-02	Sewer	2021	S	\$ 4,900,000	
63	Structural Repairs at Wastewater Treatment Plant	2021-440-01	Sewer	2021	S	\$ 250,000	
59	Rehab First Parish Pump Station	2021-440-03	Sewer	2021	S	\$ 123,000	
57	RAS Capacity	2021-440-04	Sewer	2021	S	\$ 360,000	
52	Replace #54 2005 F-150 Pick-up w/plow	2021-440-06	Sewer	2021	S	\$ 52,000	
43	Influent Grit Removal	2021-440-05	Sewer	2021	S	\$ 2,050,000	
63	Influent Pump Upgrade	2022-440-01	Sewer	2022	S	\$ 1,630,000	
46	Laboratory Rehabilitation	2022-440-02	Sewer	2022	S	\$ 100,000	
43	Septage Grit Removal System	2022-440-03	Sewer	2022	S	\$ 253,000	
71	Add to Collection System for Phased Expansion	2023-440-01	Sewer	2023	S	\$ 12,000,000	
55	Replace WWTP Generator	2023-440-02	Sewer	2023	S	\$ 380,000	
72	Infiltration/Inflow Chain Pond	2024-440-01	Sewer	2024	S	\$ 4,200,000	
61	Replace UV System	2024-440-02	Sewer	2024	S	\$ 700,000	
61	Clarifier Replacement	2024-440-03	Sewer	2024	S	\$ 1,250,000	
55	Replace Soda Ash Silo	2024-440-05	Sewer	2024	S	\$ 400,000	
<b>S Total</b>						<b>\$ 29,376,775</b>	

# Town of Scituate

## Capital Plan Summary for Sewer

### 2020

1. **SCADA:** This is the continuation of upgrades to the control process and monitoring of the plant and pump stations. Phase 4 will complete the replacement of the individual building main LCP units. The amount requested is \$330,000.
2. **WWTP Assessment:** This assessment will allow the department to better plan for projects over the next ten years. This study will focus on screening and grit removal, influent pump performance, structural and architectural systems, preventative maintenance and modernization, and ensuring that facilities are up to code. The data gathered from this assessment will be critical in identifying the priorities of the department and organizing projects to maximize cost savings from preventative maintenance and upgrading inefficient equipment and systems. Amount requested is \$65,000
3. **OSHA and SPCC Compliance:** The new OSHA law that applies to municipal works will require the department to enlist staff in additional trainings, provide staff with additional equipment, and provide signage and other safety equipment. This project will allow the department to quickly replace or acquire any equipment or training required as a result of the new law. Amount requested is \$30,000
4. **I&I:** The Scituate sewer collection system is severely impacted by inflow and infiltration from rain, ocean, and groundwater. These erroneous flows take up capacity in the collection system and WWTP. This is a multi-year project to make various improvements to reduce I&I flows and perform studies to discover and prevent additional inflows. Amount requested each year is \$200,000
5. **Dewatering Heating System Replacement:** Heating system in the dewatering building is in a failing state and has to be serviced several times a year. Last year the heating system caught fire with flames erupting out the sides of the unit. The division applied for a grant to replace the heating system and other items but was unable to receive any grant funding for the heating system. Amount requested is \$100,000
6. **Clarifier Upgrade:** In August 2018 the division had an evaluation of its clarifiers. The study found that the center well of the clarifier could be upgraded to provide better treatment and reduce the likely hood of clarifier overflows during high flows. This project will replace the center wells on the three clarifiers and will also be used to address some of the components that reaching the end of their useful life. Amount requested: \$203,775
7. **Lab Supplies and Permit Testing:** The permit for the WWTP is currently up for review and we are awaiting a new draft permit from the EPA. This project will provide funding to carry out additional testing and studies to form a comprehensive response to any new requirements set forth in a draft permit. This project will also provide funding to replace or update essential lab equipment that may be required. Amount requested is: \$50,000

## 2021

1. **Structure Repairs:** The concrete structures at the treatment plant are showing signs that they need substantial repairs in order to prevent a situation where an emergency repair may be needed. Amount requested is \$250,000
2. **Infiltration and Inflow Oceanside:** As shown by a recent CDM study, the department has serious issues with inflow and infiltration entering the collection system. These I/I flows limit the capacity of the system and create incredible strain on staff and wear and tear on equipment during weather events. DEP and EPA require communities invest in eliminating sources of I/I from their sewer facilities. Eliminating I/I is becoming an increased priority for the department in order to ensure that proper capacity remains to complete the planned phases of sewer expansion. The project requested for FY21 will be for the Ocean Side Drive area and will allow the sewer repairs to be made alongside the water main repairs in this area to reduce overall cost to the Town. Amount requested is \$4,900,000
3. **First Parish Pump Station Rehab:** The First Parish Pump Station is among the oldest pump stations in town and has not received any substantial upgrades since it was placed online. This station services three separate schools and the Town Hall. This project will provide funding to replace the pumps and other necessary equipment and to integrate the station with the WWTP SCADA system. The department attempted to obtain funding for replacing the pumps when the Gates Middle School was added to this station's collection system but did not receive any funding. Amount requested is: \$123,000
4. **RAS Capacity:** As part of the 2018 evaluation of the WWTP clarifiers we found a deficiency in return activated sludge pumping capacity. This project will provide funding to study the capacity flow problem and design a new series of pumps and pipes to achieve the recommended flow capacity. Amount requested is: \$360,000
5. **Influent Upgrade:** The current influent headworks does not provide adequate removal of rags, grease, fats, grit, and other objectionable material. This deficiency leads to substantial wear and tear of equipment throughout the entire WWTP and incurs additional cleaning and maintenance costs. Current methods of grit removal are incredibly labor intensive and there are a number of new methods and technology that can achieve much higher rates of grit removal from our systems. The influent pumps are reaching their end of expected useful life and are not reaching the flow outputs they were designed for. The amount requested is a placeholder to be refined by the 2020 WWTP assessment. The existing influent systems are substantially overwhelmed during high flow events (coastal flooding). Repeated high flows events may stress systems to the point of failure. Amount: \$2,050,000
6. **Replace #5-1 Ford Ranger:** Project will be to replace the 2010 Ford Ranger with a pickup truck furnished with a plow for snow removal and a crane for collection system maintenance. Current vehicle is showing signs of frame rot. Amount requested: \$52,000

## 2022

1. **Influent Pump Replacement:** This project will be to replace the influent. The influent pumps are beginning to reach the end of their expected use, while at the same time the Town continues to add more buildings to the sewer system and surge flows from storms are becoming more frequent and more severe. In order to facilitate the additional flows from planned expansion and to address the surge flows from weather events it will be necessary to upgrade the influent pumps and lines in order to facilitate the capacity needs of the system. This project will allow for increased capacity at the plant and reduce the risk of potential overflows during weather events. The amount requested is a placeholder to indicate need to substantial improvements if the facility is to expand the sewer collection system and to underscore the failing state of the existing influent pumps. The WWTP assessment in 2020 will allow the department to refine this project. Amount: \$1,630,000
2. **Laboratory Rehabilitation:** Existing equipment in the lab is reaching the end of its useful life. New methods and equipment exist that could reduce reagent use and testing costs. Maintaining lab services is necessary to meet permit requirements. Additional lab equipment may be needed to address new limits set in pending WWTP permit. Amount request: \$100,000

## 2023

1. **Sewer System Expansion:** This request is to set aside funds in order to complete remaining sewer system expansions. Currently there are three phases of sewer expansion left uncompleted. The amount requested here is to cover costs associated with phase V of the sewer expansion. Amount requested is \$12,000,000
2. **Replace WWTP Generator:** The diesel generator at the WWTP is reaching the end of its useful life. New technology exists which would make the replacement generator more efficient. It is a DEP requirement to have an emergency standalone power source for the WWTP. Amount requested: \$380,000

## 2024

1. **Infiltration and Inflow Chain Pond Area:** As shown by a recent CDM study, the department has serious issues with inflow and infiltration entering the collection system. These I/I flows limit the capacity of the system and create incredible strain on staff and wear and tear on equipment during weather events. DEP and EPA require communities invest in eliminating sources of I/I from their sewer facilities. Eliminating I/I is becoming an increased priority for the department in order to ensure that proper capacity remains to complete the planned phases of sewer expansion. Amount requested is \$4,200,000
2. **Replace UV Disinfection System:** Existing UV system is reaching the end of its useful life. In August 2017 the UV system suffered an unexpected failure. The department has made substantial repairs to the existing system but over the next few years it is likely the system will

begin to fail and in time will not be able to meet our permit requirement for disinfection. The amount requested is a placeholder while the department explores grant options and new technology for disinfection. Amount requested: \$700,000

3. **Clarifier Replacement:** Existing clarifiers are showing signs of failure. While the bearing assemblies were recently replaced the support structures and lower assemblies are still original. The amount requested is a placeholder while the department explores options to upgrade the clarifiers in earlier projects to avoid failures that would require an entire replacement. Amount: \$1,250,000

#### **Future expansion plans:**

It is our goal to get the plant up and running the way it was designed to handle the 100% capacity (1.6 MGD). The plant flows can be decreased by eliminating I/I which opens up the opportunity for additional flow. The flows to the WWTP exceed 80% of our permitted capacity (1.28 MGD) which is a trigger with the DEP and signals that the Town needs to start making arrangements to upgrade the facility to handle flows and prevent issues with the collection system.

#### **Permit Renewal and plant upgrade:**

The permit duration for the WWTP ended in 2018. The department has already filed for a new permit and is operating off the existing permit until the EPA issues a new draft permit for review. The new permit may bring new challenges in the form of higher treatment standards and more frequent and vigorous testing. The WWTP has not been upgraded since 2000. Requirements in the new permit, or a desire to provide additional sewer service to new areas of town may necessitate a future plant upgrade.



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2020-440-01		
Project Title:	SCADA Phase 4		
Category:			
Department:	Sewer	Contact:	William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New [ ]      Recurring [ ]      Resubmission [ x ]

Multiyear [ x ]      Phase 4 of 4

**Description:**

Replace PLCs in Operations and Blower buildings at the WWTP. SCADA is the "brain" of our operations and is essential in carrying out operations for our facility. The PLCs in each of the buildings act as the central nervous system between the SCADA brain and the actual equipment at the plant.

**Benefits of Project and Impact if Not Completed:**

The current PLCs installed at the WWTP are no longer supported and are showing signs of failure. If this equipment were to fail it would necessitate 24/7 staffing of the facility by at least two persons at all time to continue to operate the plant. Because these units are no longer supported repairing or replacing them will be incredibly difficult and time consuming if a failure were to occur. New technology exists which will offer greater levels of resiliency and will allow the plant to integrate additional equipment into the SCADA network.

**Discuss Operating Budget Impact:**

These upgrades should reduce the number of times operators are called into work after hours to address glitches, bugs, and other misc. failures and issues with the current SCADA system.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$330,000	\$330,000					<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$330,000</b>	<b>\$330,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$330,000</b>	<b>\$330,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**From:** Paulin, Michael  
**To:** [William Branton](#); [Ellis, William](#)  
**Cc:** [Pedersen, Steve](#)  
**Date:** Tuesday, September 25, 2018 1:09:24 PM  
**Attachments:** [image002.png](#)

---

Will,

Thanks for meeting with Bill and I last week on the next phase of SCADA upgrades at the Wastewater Treatment Facility, and for summarizing the additional discussion items. Below is a breakdown of the priority tasks to complete the current upgrades at the Wastewater Treatment Facility, including installed costs (materials, labor, programming, etc.) – I'll forward you an updated Memo (similar to the first phases of upgrades at the WWTF) by end of day today:

- Programmable Logic Controller (PLC) Upgrades (LCP-1 and LCP-2): \$153,000 (\$76,500 each)
- Polymer Panel (new PLC, panel, level probes): \$40,500
- Security Camera: \$5,000
- Plant Water Integration (flow meter, integration): \$16,000
- Fiber Optic Cable/Converters: \$21,000
- Flash Drive Boot Disk: \$2,500
- Septage Building (Remote I/O panel, level transmitters, flow meter): \$56,000
- Additional Programming (1 week of programming): \$6,000
  - **Total: \$300,000**

You had mentioned that you may pull the Polymer Panel work out of this request for funds, because you had a separate pool of money already for the Polymer Building specifically – but for now, we left it in the above list of tasks and costs. In our previous SCADA improvements recommendations Memo's, we had provided an estimated cost of \$35,000 for the remote site communications upgrades at each of the town's pump stations (\$5,000 per pump station for seven (7) pump stations) – during our meeting discussions last week, you had also mentioned that there was a separate allotment of funding for this work (and the work at the Sand Hills Pump Station) – we have not included any costs above for the telemetry work at the pump stations.

Give me a call with any question or if you need any additional detail, otherwise I will forward you the final memo with the costs included in this email later today.

Thanks,  
Mike

**Michael E. Paulin, P.E.**  
PROJECT MANAGER  
office: 978-532-1900 ext. 2373  
direct: 978-573-4057  
cell: 978-239-7195



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**From:** William Branton [mailto:wbranton@scituatema.gov]  
**Sent:** Thursday, September 20, 2018 3:48 PM  
**To:** Paulin, Michael <paulinm@wseinc.com>; Ellis, William <ellisw@wseinc.com>  
**Subject:** Scituate Sewer Next Phase SCADA

Hello Mike and Bill,

As you may already know my timeline for this got moved up quite a bit. I'll be needing a memo to use for pricing as soon as possible. Please feel free to label the memo "draft" and use conservative estimates for now so that I can use that document to secure the funding we will need for the project. We can refine the costs over the next few weeks / months.

I wanted to review some of the items we talked about adding into the next phase:

- Septage building integration: redoing SCADA for septage building and connect to blower PLC. Building has 2 vfd driven pumps and a 2 section wet well. Looking to have new tank level sensors installed and connected to SCADA, alarms for high and low levels. New flow meter installed on discharge. New pumps connected to SCADA with alarming and ability for SCADA hand/off/auto switch. Auto function to turn pumps on and off at set levels. Create SCADA screen illustrating septage pumps, flow, and tank level. Possibly include integration with a new septage receiving system for alarming.
- Magic Flash Drive: Provide flash drive or external hard drive that could be used to override normal boot of SCADA control computers and restores SCADA to a previous backed-up copy. If possible add option to back up our data on this device to keep SCADA reboot copy as up to date as possible with historical data. Device / procedure would need to be useable by a competent person but simple enough that they don't need to be a computer expert.
- Security camera
- Blower building PLC replacement. Possibility for there to be new equipment such as new blower or new advanced aeration valves. May need new equipment integration and controls to be part of project if it's not covered by the project that is installing them.
- Plant water system: integrate plant water system which consists of 2 vfd driven pumps. Provide flowmeters for plant water system and create a new plant water system screen for SCADA illustrating new equipment.
- Misc. screen edits; various screens and controls may need adjustments or edits given the amount of new equipment which may be installed before project is complete.
- Misc equipment integrations: New feed pump, macerator, and possibly 1-2 other pieces of equipment may need integration with SCADA

I think that about covers it. Sorry for the rush, please feel free to contact me on my cellphone 781-630-2356 with any questions or issues.

Thank you,

Wil

Please remember when writing or responding that the Secretary of State's Office has determined that email is a public record and all e-mail communications sent or received by persons using the Town of Scituate network may be subject to disclosure under the Massachusetts Public Records Law (M.G.L. Chapter 66, Section 10) and the Federal Freedom of Information Act.

The contents of this e-mail and any attachments are the property of the Weston & Sampson companies. The e-mail contents are only to be used by the intended recipient of the e-mail. If you are not the intended recipient, then use, disclosure, copying, distribution or reliance on the e-mail is prohibited. All professional advice from us should be obtained in writing (not e-mail).

## William Branton

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**From:** Bill Montanaro Jr. <billjr@wescor1.net>  
**Sent:** Thursday, October 19, 2017 4:37 PM  
**To:** William Branton.  
**Subject:** EnviroCare BEAST Septage Receiving  
**Attachments:** beast installation list Rev A.pdf; Enviro-Care\_SAVI\_Flo-Beast.pdf; Specification\_FSR Beast.docx; Wescor Line Card 10-12-17.pdf

Hi Will,

Thanks for your time on the phone today discussing your septage station at Scituate MA. As promised I am sending you some information on EnviroCare. The unit for you is the BEAST 120 which accept >600 GPM at 3-4% sludge. The system unit has a rotating drum screen and screw auger that run on separate drives. So we can speed the drum or auger up depending on what you have coming in. The BEAST uses perforations NOT bar racks so the capture rate of screenings is much higher than what you are used to currently. There is NO need for a rock trap or grinder with our unit. What goes into the BEAST comes out the top of the BEAST. This unit is also an expert at handling FOG.

I have attached some information with this email. The unit will accept pressurized septage so the trucks can get in and out of the facility quickly. It can also accept heavy loads, to include high solids concentration, rags, debris, and even rocks. We recently ran a Beast on Wheels demo throughout plants in New England in July with excellent results. You can use this link to view some results that we had at the NBC Lincoln RI septage receiving facility;  
<https://wescor.egnyte.com/fl/yHTWNxtDYt>. You will find photos and videos of the unit in operation at that facility.

There are many advantages to utilizing our unit in Danbury. Here are a few:

1. The BEAST operates effectively without the use of rock traps or grinders. Less maintenance for the end user. What goes in the front comes out the top.
2. The Model 1400 can offload 2 trucks at once and we can offer hauler stations for both sides.
3. The BEAST is an expert at handling heavy loads and FOG. The unit operates on level sensors typically, which opens and closes a pinch valve. Because of the volume of the unit and the nature of the rotating drum screen, we can handle a much higher flow than competitors. In FOG mode, the system runs constantly, running the screen and auger with continuous cleaning.
4. The BEAST can be used as a multi-function device. When you use vector trucks to clean out your pump stations and catch basins, you can simply unload them thru the beast to screen the load.
5. The BEAST accepts pressurized flow, moving your hauler trucks in and out of your facility more quickly and allowing you to accept more septage.
6. The BEAST hauler station uses a flowmeter to track the exact amount of gallons being unloaded from a truck.
7. The BEAST can use a pH sensor to monitor what is being unloaded by a hauler. Anything below 5 or above 11 can close the pinch valve and alert the main station of the infraction.
8. The BEAST can be located outside.

I was a little off on the pricing given to you over the phone. BUDGET on a NEW BEAST 1200 without hauler station but standard control panel with pinch valve is \$200K. Hauler station is an additional \$80,000.

If you would like more information or a presentation, please let me know and I would be happy to get more information in your hands. I have attached an installation and reference list with this email. The closest install is in Wanque, NJ currently but there is quite a bit of interest at this point in New England. If you are thinking of upgrading your system in the spring, this could be the solution for you!

I also represent a number of lines that you may be interested in which include odor control, positive displacement pumps, chemical feed equipment & analyzers, plate & frame presses, screw presses, conveyors, and self-leveling covers for dumpsters. I included a linecard with this email but you can also visit [www.WescorAssociatesInc.com](http://www.WescorAssociatesInc.com) for more info. Please feel free to call or email me at any time with further questions.

Best regards,

Bill Montanaro, Jr.



P: 508.384.8921 x4

F: 508.384.8953

E: [BillJr@Wescor1.net](mailto:BillJr@Wescor1.net)



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-26-18

Date of Last Edit: 9-26-18

Project Number:	2020-440-03
Project Title:	OSHA and SPCC Compliance
Category:	Equipment and Training
Department:	Sewer
Contact:	William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New          Recurring          Resubmission   

Multiyear          Phase \_\_\_ of \_\_\_

**Description:**

To allow the division to maintain operations and standards under the new OSHA regulations. The division is preparing to meet compliance standards set with new state OSHA law, this project will provide funding for equipment or training deemed necessary by the new standards so that work may continue on schedule and avoid fees or issues associated with new laws. In may 2018 the Sewer division had spill control training (SPCC) and identified multiple areas where new signage and equipment needs to be setup to maintain compliance with EPA regulations.

**Benefits of Project and Impact if Not Completed:**

Benefits include a safer and more efficient workplace where staff are trained and equipped with knowledge and equipment necessary to carry out tasks safely and quickly to prevent damage to equipment, property, persons, or the environment. Division may be held liable or fined if certain improvements are not made in a timely manner.

**Discuss Operating Budget Impact:**

This project is designed to provide funding for necessary equipment and training as part of new standards. The town should expect that a modest increase in the division's operating budget for equipment and training categories will be needed to maintain the higher level of service / standards required of us.

The sewer division is in the process of applying for grants for equipment and training for FY19, but expects that additional resources will be needed to fully comply with regulations.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$30,000	\$30,000					<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$30,000	\$30,000	\$0	\$0	\$0	\$0	<input type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0							<b>CPA Purpose(s)</b> Check all that apply
CPA Amount Requested	\$0							
Net of CPA and Grants	\$30,000	\$30,000	\$0	\$0	\$0	\$0	\$0	
<b>Operating Budget Impact</b>								
During Project	\$0							<input type="checkbox"/> Open Space
Post-Project Annual								<input type="checkbox"/> Recreation
Post-Project One-time	\$0							<input type="checkbox"/> Historical
								<input type="checkbox"/> Housing



**William Branton**  
**Town Of Scituate WW Dept.**  
 161 Driftway  
 Scituate, MA  
 781-545-8736  
 Wbranton@scituatema.gov

**SPCC COMPLIANCE PROGRAM**

**PROGRAM OVERVIEW**

**Regulatory Citation** This program fulfills the training requirement under 40CFR 112 SPCC Rule  
**Program Length** 4 hours  
**Max # of Students** 15  
**Program Cost** \$1200.00

**TIGER Training** offers to conduct a SPCC compliance program for the **Town of Scituate**. The SPCC program prepares students to deal with storm water and surface pollution issues and the laws that govern them. Training to include Massachusetts Oil Spill Act.

**PROGRAM DETAILS**

**Customization**

The SPCC course may be customized for the **Town of Scituate**. The program will include the **Town of Scituate's** current SPCC and response information. A site walk may be included to view sensitive areas or areas of greater concern for spills and runoff.

**Course Agenda**

SPCC Regulation Overview

- SPCC plan review
- SPCC response
- Reporting
- Prevention
- Control Measures
- Site Walkthrough

**To accept this proposal:**

A signed copy of this proposal must be signed and emailed to [Linda@tigertrainingcorp.com](mailto:Linda@tigertrainingcorp.com) to secure training dates. All classes are tentatively scheduled until the proposal is received by TIGER Training.

**Cancellations or Rescheduled Classes:** Once training is booked, a 20% cancellation fee will be applied to all cancelled classes received within two weeks of training date. Any cancellation received less than 5 days in advance of the scheduled start date will be subject to a 30% fee.

TIGER Training accepts all major credit cards and checks – *Training certificates cannot be released until full payment has been received.*

**TERMS**

Signature \_\_\_\_\_ Title \_\_\_\_\_

Company Name \_\_\_\_\_ Date \_\_\_\_\_

Please visit [www.TIGERTrainingcorp.com](http://www.TIGERTrainingcorp.com) to view additional courses

## Sales Quotation

*Quote Nbr	Creation Date	Due Date	Page
8190-2753-14	07/09/2018		1 of 1
Payment Terms		Delivery Terms	
NET 30 DAYS		DEST	
Valid To		Prepared By	
11/06/2018		WOLFE, DAVID M.	
Customer Reference		Sales Representative	
QUOTE - 07-09-18		DAVID WOLFE	
To place an order	Ph: 800-766-7000	Fx: 800-926-1166	
Submitted To:		Customer Account: <b>746415-001</b>	
WILLIAM BRANTON WBRANTON@SCITUATEMA.GOV  781-545-8736		TOWN OF SCITUATE WASTE WATER TREATMENT PLT 161 DRIFTWAY SCITUATE MA 02066-1902	



FISHER SCIENTIFIC COMPANY LLC  
4500 TURNBERRY DRIVE  
HANOVER PARK IL 60133-5491






Please note: This link initiates order review / placement through [fishersci.com](http://fishersci.com)

**\*Please reference this Quote Number on all correspondence.**

Don't have a profile? Register on [fishersci.com](http://fishersci.com)

For complete Terms and Conditions, please [click here.](#)

Nbr	Qty	UN	Catalog Number	Description	Unit Price	Extended Price
1	1	EA	09 720 342	CLASSIC STILL 2 GPH 240V Systems, Distillation; Thermo Scientific Barnstead; Type: Floor classic stills; Phase 1; Output: 2 gal./hr. (7.6L/hr.); 240V 50/60Hz, 6kW, 26A; 11L x 23W x 68 in. H (28 x 58 x 173cm) Vendor Catalog # A1013-B-61 This item is being sold as 1 per each Original Catalog Number A1013B61	8,119.31	8,119.31
						
2	1	EA	09 047	DISTILLING APP 1.9L 115VAC DC Still, Electric; Thermo Scientific Barnstead; Portable; Output: 0.5 gal./hr. (1.9L/hr.); 120V 50/60Hz, 1.3kW, 12A; Phase 1; 10L x 21W x 19 in.H Vendor Catalog # A1007 This item is being sold as 1 per each	2,592.49	2,592.49
						
3	1	EA	09 085	STILL MP-3A C440367 240V50/60H Still, Glass; Thermo Scientific Barnstead; Megapure; Model: MP-3A; Volume output: 3.4L/hr.; 240V, 50/60Hz, 11A; 12D x 23W x 45in. H (30.5 x 58.4 x 114.3cm) Vendor Catalog # A440367 This item is being sold as 1 per each Original Catalog Number A440367	5,515.54	5,515.54
						
<b>MERCHANDISE TOTAL</b>						<b>16,227.34</b>

**NOTES:**

We now offer highly competitive financing with low monthly payments. Please contact your local sales representative for more information.

Tell us about your recent customer service experience by completing a short survey. This should take no longer than three minutes. Enter the link into your browser and enter the passcode: USA-PGH-CS2

<http://survey.medallia.com/fishersci>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-26-18

Date of Last Edit: 9-26-18

Project Number:	2020-440-06		
Project Title:	Clarifier Upgrade		
Category:	Equipment and Technical Services		
Department:	Sewer	Contact:	William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input checked="" type="checkbox"/>	Phase of	

**Description:**

In August 2018 the Sewer Division had an evaluation done on it's secondary clarifiers. The evaluation found two significant performance-limiting factors: 1. Major lack of RAS pumping capacity and 2. absence of an optimum center well to disperse solids and flows. This project will provide funding for the division to replace its clarifier center wells.

**Benefits of Project and Impact if Not Completed:**

This upgrade would prevent or reduce the severity of high flow events on the WWTP. Upgrading the clarifiers would prevent or reduce the risk of the clarifiers overflowing solids into the next stages of treatment. When the clarifiers overflow it can cause damage to equipment and impair other treatment systems like the disinfection stage from operating properly.

**Discuss Operating Budget Impact:**

Upgrading the clarifiers will allow the WWTP to build out the collection system to connect additional properties without overwhelming this stage of treatment. Multiple high flow events happen each year, during these events the WWTP suffers greater wear and tear on equipment and needs to staff the facility during off hours to constantly make adjustments to avoid the clarifiers overflowing. When the clarifiers overflow their solids it can substantially damage equipment and treatment processes down the line. Recovering these treatment processes and repairing equipment during these events requires a substantial amount of overtime during difficult weather conditions.

**Recommended Financing**

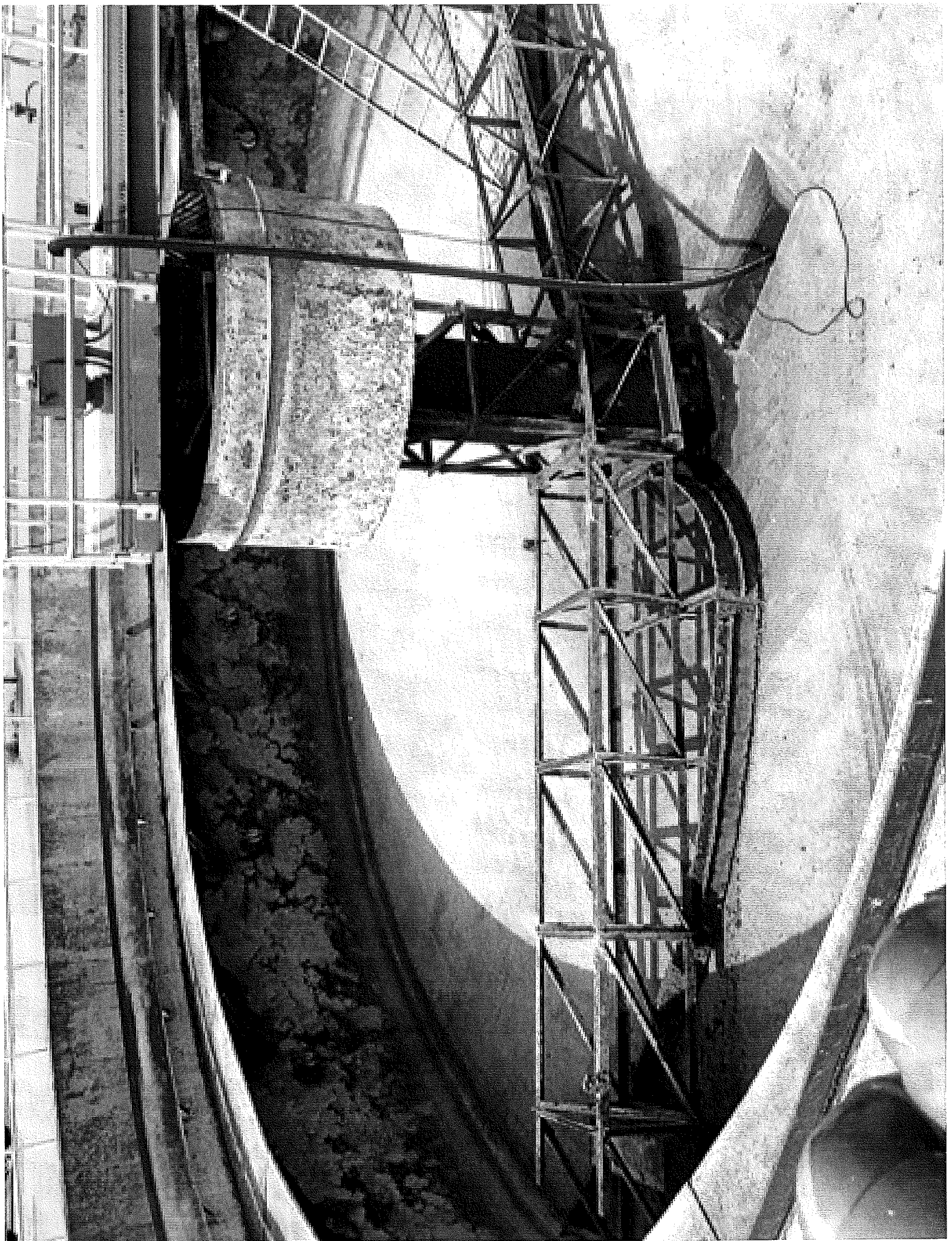
Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$45,000	\$45,000					<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$140,250	\$140,250					<input type="checkbox"/> Capital Stabilization
Contingency	\$18,525	\$18,525					<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$203,775</b>	<b>\$203,775</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested		CPA Purpose(s) Check all that apply				
Grant Amount Requested	\$0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CPA Amount Requested	\$0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Net of CPA and Grants</b>	<b>\$203,775</b>	<b>\$203,775</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Budget Impact**

During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0





## I. PROJECT OBJECTIVES

The Town of Scituate Municipal Wastewater Authority's (SMWA) Treatment Plant (WWTP) is an extended aeration activated sludge facility. This plant consists of preliminary (screening and grit removal), an activated sludge process with multiple aeration basins and three secondary clarifiers. The process is designed to nitrify and denitrify, and add dissolve oxygen before discharge.

The present plant, with three clarifiers in operation, was designed to treat a peak daily flow of 4.34 million gallons per day (mgd) and an average annual design flow of 1.66 mgd. The current average daily flow is approximately 1.3 mgd.

The primary objective of this field study was to evaluate the hydraulic performance characteristics of a secondary clarifier while operating at both normal and elevated flow rates and solids loadings. This evaluation was to help assess the capacity of the clarifiers and determine (a) their present performance characteristics and (b) the potential for any additional modifications that could improve their performance and reliability under current permit conditions and future operating conditions.

In order to accomplish these objectives, the field investigation was designed to accomplish the following major findings for the secondary clarifiers:

1. Develop flow curves and determine the hydraulic characteristics and actual detention times for the test clarifier #1 at predetermined flows.
2. At the initial flow rate, determine the location and intensity of the major and minor currents by conducting drogoue current tests.
3. Also at this flow rate, determine and monitor the formation and movement of the sludge blankets.
4. Then, to the extent possible, at an elevated surface overflow flow (SOR) rate, repeat the same tests to again to determine:
  - o the hydraulic characteristics and detention times,
  - o the location and intensity of the currents, and
  - o formation of the sludge blankets
5. Based on these tests and other observations, assess the capacity of this clarifier and recommend any modifications to improve its performance and the capacity of the clarification system.

## II. DESCRIPTION OF THE CLARIFIERS

### A. General Description – Secondary Clarifiers FC-1; FC-2; FC-3:

There are three identical secondary clarifiers; ref Plant Layout Figure A1. These tests focused on Clarifier #1

#### 1. General Clarifier Configuration

The secondary clarifiers are circular with spiral sludge collectors. Each clarifier is 45-ft in diameter. The sidewater depth is approximately 12-ft, sloping to 14-ft at the center.

The influent to each clarifier is via standard 7-ft diameter centerwell; the effluent is via a single perimeter launder with a standard v-notch weir. There is also a horizontal baffle attached to the outer wall and located about two feet below the water surface.

## III. THE CLARIFICATION PROCESS

The secondary clarifier is often the most critical link in the biological wastewater treatment process. Its main function is to separate the activated sludge solids from the treated effluent and to allow the clarified effluent to pass on to the point of discharge. As an additional function, the clarifier is sometimes used to thicken and store the settled activated sludge solids in order to minimize sludge wasting volume and reduce return sludge flow rates.

Although many designs assume that a clarifier is a "plug flow" reactor, and that it has a defined detention time (based on its volume) to effectively accomplish these functions, studies have shown that clarifier flow patterns are often more like those of an "arbitrary-flow", or, "mixed-flow" reactor. This is particularly true in the case of clarifiers treating a wastewater with a mass of flocculent suspended solids. In all cases, the clarifier's efficiency is affected by the formation of various hydraulic currents. These currents can impair a clarifier's effectiveness and greatly reduce a clarifier's ability to separate and thicken the flocculent activated sludge solids from the wastewater.

## IV. LOCATING CURRENTS: Use of Drogue Current Tests:

The currents in a clarifier often vary considerably by depth and by distance from the influent point. In order to locate and quantify these currents, we use a type of "flow catcher" called a "drogue". This drogue is constructed to drift with the current at whatever depth and location the drogue is suspended at. This drogue test accurately delineates the movements of the clarifier's currents in the horizontal plane. The drogue for these tests was launched from the walkway at about 8-ft from the center of the clarifier.

## VI. PLANT CONDITIONS DURING THE TEST PERIOD:

### A.1. Secondary Clarifier Dimensions:

The approximate clarifier dimensions are as follows:

Clarifier Surface Area:	1590 sf
Clarifier Volume:	155,000 gal
Approx. Weir Length:	141 lf

This yields the following unit hydraulic loading values, based on the total through flow per clarifier (clarifier effluent flow), divided by the total surface area:

Test #	Flow Rate per Clarifier (mgd)	S.O.R (gal/sf/d)	Weir Loading (gal/lf/d)
#1	1.4	880	10,000
#2	2.4	1510	17,000

### A.2 Secondary Clarifier Solids Loadings:

The following average loading rates and activated sludge characteristics were present in the clarifier during the two test periods:

#### SOLIDS LOADINGS

	Test #1	Test #2
Test Flow Q (mgd)	1.4	2.4
RAS Flow Q <sub>R</sub> (mgd)**	0.7	0.7
Total Q + R (mgd)	2.1	3.1
Aver. MLSS (mg/l)	3200	3460
Aver. RAS (mg/l)	8000	9210
Lbs. Added/day (1,000 Lbs)	56	89
Lbs. removed/day (1,000 Lbs)	47	54
DIFFERENCE (1,000 Lbs)	-9	-35
Solids Loading (Lb/sf/d)	35	56

### B. Vertical Solids Profiles (VSPs):

For each test, the entire vertical water column was cross-sectioned at three locations along its access bridge at multiple times during each test using the portable Royce Model 711 Suspended Solids meter.

## VII. THE TEST RESULTS

### A. Detention Time Dye Tests:

A flow curve was developed for each test clarifier for each flow condition by sampling the dye concentration in the effluent from each clarifier over several hours. For each test, the dye was introduced into the centerwell or EDI of each test clarifier so that it would be well distributed as it entered the clarifier. During each of the tests, whole effluent samples were collected initially at 5-minute intervals, then at greater intervals after the dye concentrations had peaked. The results of each of these tests are shown in the "Dye Test Summary" (attached) and are summarized in the following table. In this table, the theoretical detention time of a clarifier is based on the clarifier volume divided by its effluent flow:

#### Secondary Clarifier #1

Test #	Test Flow Rate (mgd)	Tt (min)	Ti (min)	Ti/Tt Effic. (%)	Tm (min)	Modal Effic. (%)	Ta (min)	Hydraulic Effic. (%)
1	1.4	166	20	12	55	33	75	45
2	2.4	93	15	16	25	27	49	53

### B. Other Observations:

#### 1. Vertical Solids Profiles:

Vertical solids profiles (VSPs) of the entire water column were conducted at three locations along the siaccess bridge. These VSPs were collected at different times throughout each test period in order to observe the changes in blanket levels and the amount of solids in each clarifier. The following are the results:

#### TEST #1 @ 1.4 mgd

Time: 0740

Time: 0900

Depth	2'	7'	16'	Tot.	Depth	2'	7'	16'	Tot.
-1'	3.1	0	0		-1'	2.8	0	0	
-2'	2.9	0	0		-2'	2.3	0	0	
-3'	2.9	0	0		-3'	2.3	0	0	
-4'	2.1	0	0		-4'	0.5	0	0	
-5'	2.8	0	0		-5'	0	0	0	
-6'	0.5	0	0.1		-6'	0	0	0	
-7'	1.0	0	0.1		-7'	0	0	0	
-8'	1.0	0	0.1		-8'	0	0	0	
-9'	1.1	1.2	0.4		-9'	1.3	1.0	0.2	
-10'	1.0	2.3	3.0		-10'	1.3	1.6	1.6	
-11'	1.7	5.1	9.0		-11'	2.7	5.1	9.3	
-12'	10	10			-12'	5.7	7.9		
-13'	10				-13'	9.1			
<b>Tot.</b>	<b>41.0</b>	<b>18.6</b>	<b>12.7</b>	<b>72</b>	<b>Tot.</b>	<b>28.0</b>	<b>15.6</b>	<b>11.1</b>	<b>55</b>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-26-18

Date of Last Edit: 9-26-18

Project Number:	2020-440-05
Project Title: Dewatering Heating System Replacement	
Category: Equipment	
Department: Sewer	Contact: William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project Is:      New          Recurring          Resubmission   

Multiyear          Phase \_\_\_ of \_\_\_

**Description:**

Replace failing heating system in dewatering building. In 2017 the division sought a grant to cover this heating system but was unable to receive any funding for this project.

**Benefits of Project and Impact if Not Completed:**

Heating system provides a suitable work space for staff within the building and is necessary to keep the many pipes within this building from freezing. A freeze event within this building could be catastrophic and might prevent the WWTP from dewatering it's sludge for an extended period of time resulting in exorbitant increase in hauling and disposal fees for the division.

**Discuss Operating Budget Impact:**

Once the heating system is replaced it is estimated to result in a \$1,163 annual savings for the division.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$87,500	\$87,500					<input type="checkbox"/> Capital Stabilization
Contingency	\$12,500	\$12,500					<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

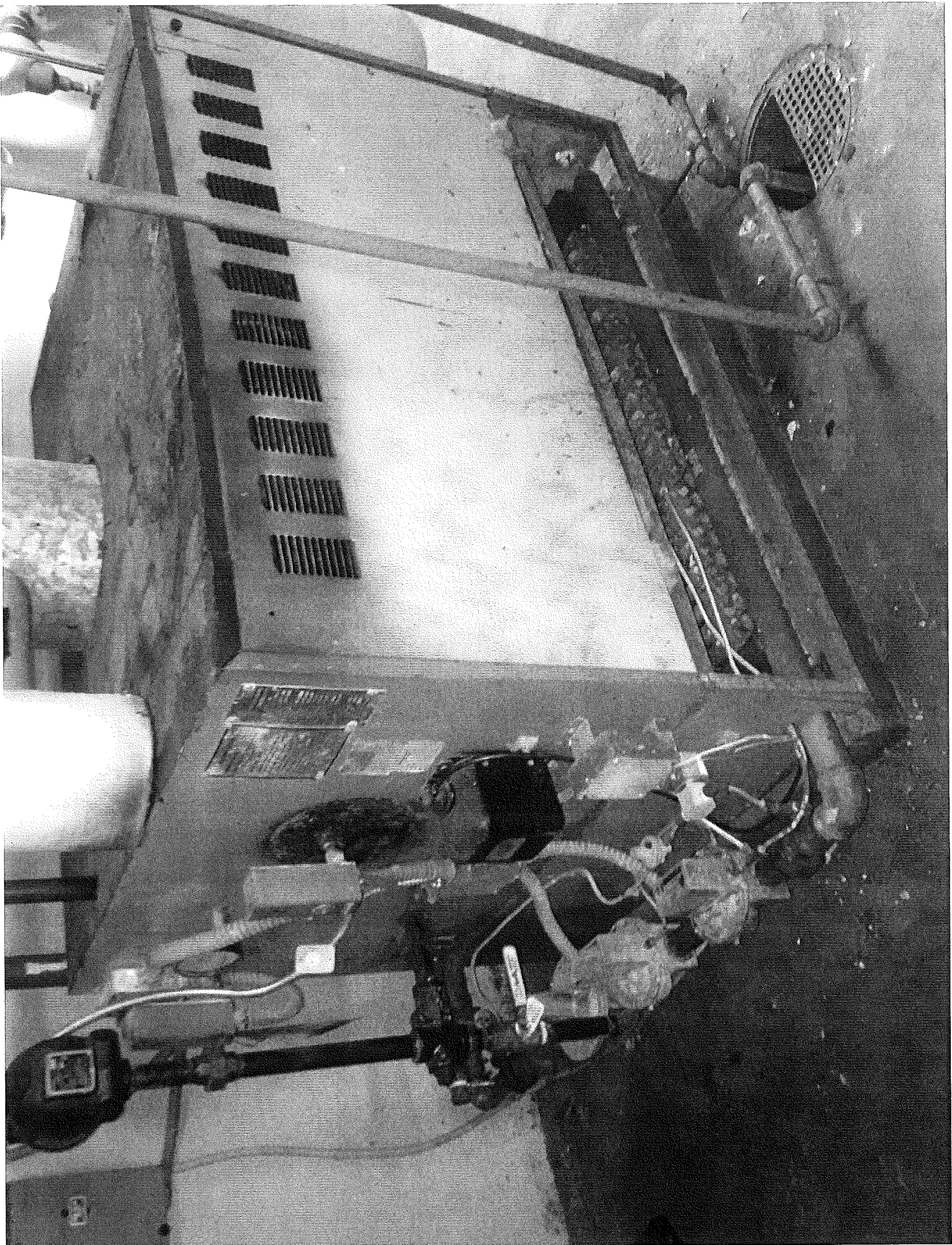
Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					





**Energy Conservation, Inc.**

1150 Main Street  
P.O. Box 726  
Hanson, MA 02341

September 25, 2018

Mr. William Branton  
Scituate Wastewater Dept  
161 Driftway  
Scituate, MA 02066

***Town of Scituate Wastewater Treatment Facility: De-watering Building Boiler Replacement***

Dear Mr. Branton,

Energy Conservation is pleased to provide you with this proposal for the installation of the energy efficiency improvement measures indicated below.

*(See the attached Technical Appendix for full details)*

The following Energy Efficiency Measures are based on information provided from utility usage analysis, energy usage comparisons, and on-site equipment evaluations performed by Energy Conservation:

Building - Measure	Projected Annual Cost Savings (\$)	Total Installed Cost (\$)	Estimated Utility Incentives (\$)	Net cost to the Town of Scituate (\$)
Wastewater De-Watering Single Boiler Replacement	\$1,551.43	\$87,500.00	\$4,000.00	\$83,500.00

The Town of Scituate shall pay a total of \$83,500.00 to Energy Conservation upon project completion.

Christopher J. Collins

Accepted: Town of Scituate

\_\_\_\_\_  
President, Energy Conservation

\_\_\_\_\_

September 25, 2018

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date



## *Clarifications*

All the removed equipment will be disposed of properly. Labor warranty is one-year on workmanship of installation. Energy Conservation shall assign to the Town of Scituate all its rights to any and all warranties from the manufacturers or otherwise with respect to the equipment purchased by the Town of Scituate from Energy Conservation.

Energy Conservation agrees to procure and maintain, at the sole cost and expense of Energy Conservation, with a reputable and financially responsible insurance carrier or carriers, property damage and public liability insurance in the amount of not less than \$1,000,000 worker's compensation in the amount set forth by each state and a crime rider in the amount of not less than \$250,000.

Energy Conservation further agrees to name the Town of Scituate and its parents, affiliates and subsidiaries as additional insurers and to provide the Town of Scituate with an insurance certificate as evidence of such coverage. In the event of cancellation or material modification of any policy, written notice of such cancellation or modification shall be given to the Town of Scituate at least thirty days prior to such cancellation or modification as to each policy.

Energy Conservation represents and warrants that the installation of all the equipment by Energy Conservation or its subcontractors shall be performed in a professional and workmanlike manner by qualified personnel and in accordance with all federal, state and municipal laws, rules and regulations and the policies and procedures of the Town of Scituate.



**Energy Conservation, Inc.**

P.O. Box 726  
1150 Main Street  
Hanson, MA 02341

**Town of Scituate  
Mechanical Measures**

***Town of Scituate Wastewater Treatment Facility:***

*De-watering Building Boiler Replacement Scope and Technically Appendix*

The Dewatering Building uses an old Burnham 5009 Hot Water Boiler that is past its useful life. This unit is to be about 75% eff. due to age and technology. Newer technologies specific to hot-water boilers justify upgrading to condensing type boilers. These boiler systems are up to 95% efficient with a 10:1 burner turndown great for seasonal weather use.

Existing

- Existing Boiler: Burnham 5009 Hot Water Boiler
- IBR Input Natural Gas: 624 MBH
- IBR Output Natural Gas: 500 MBH
- Efficiency 75%

Proposed

Furnish and install two (2) Viessmann B2HA-80 natural gas fired, modulating, condensing, hot water boilers (95% Combustion Efficiency). Our project includes all necessary near boiler piping and tying into the existing hydronic system as necessary.

- IBR Gross Output: 570 MBH
- IBR AHRI Rating: 520 MBH
- Furnish and install ASME expansion tank
- Furnish and Install 3 new ECM circulator pumps
- Furnish and install polypropylene venting system through existing chimney
- Furnish and install all gas piping according mass code
- Furnish and install condensate neutralization system
- Furnish and install all low voltage and line voltage wiring
- Factory startup, training and programming controls

Dewatering Building	
Cost/Therm	\$1.05
Eff	75.0%
Usage	7,018
Total BTU Input	701,836
Total BTU Output	526,377
Total Cost/Year	\$7,369.28

Viessmann B2HA-80	
Eff	95%
Usage	5541
BTU Input	554,081
BTU Output	526,377
Total Cost/Year	\$5,817.85
<b>Total Savings</b>	<b>\$1,551.43</b>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-440-02		
Project Title:	Assessment of WWTP		
Category:	Equipment / Repair and Maintenance		
Department:	Sewer	Contact:	William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ x ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Identify and plan for future capital projects to maintain current level of service at the facility and to make improvements that will lead to long term savings for the department as well as begin to update and modernize equipment to increase capacity of the treatment system and to make changes to plant operations to optimize costs.

**Benefits of Project and Impact if Not Completed:**

Comprehensive assessment of WWTP will help to increase capacity of the treatment plant, significantly reduce wear and tear on equipment, and provide a road map for capital projects over the next five to ten years. It is essential that an assessment of the facility be done prior to the completion of the remaining sewer expansion phases in order to guarantee that the facility will be able to maintain its current level of service.

**Discuss Operating Budget Impact:**

This assessment will prioritize preventative maintenance items and equipment that can be modernized to reduce long term operations and maintenance costs.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$65,000	\$65,000					<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$65,000</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$65,000</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



260 West Exchange Street, Suite 300  
Providence, Rhode Island 02903  
tel: 401 751-5360  
fax: 401 274-2173

August 26, 2015

Mr. Kevin Cafferty, Director  
Department of Public Works  
600 Chief Justice Highway  
Scituate, MA 02066

Subject: Draft Letter Proposal for Scituate WPCF Facilities Assessment – For Review

Dear Mr. Cafferty:

CDM Smith is pleased to submit this letter proposal to conduct a facilities assessment study for the Town of Scituate Water Pollution Control Facility (WPCF). We have prepared this proposal after discussions with the Town regarding your specific needs, and after participating in a plant tour with Rick Mosca and Dan Smith to better understand the current situation at the facility.

## Background

The WPCF is a 1.6-mgd advanced treatment facility that employs the activated sludge system, denitrification filters and UV disinfection to meet its NPDES permit limits. The WPCF completed a major capital improvements plan ca. 2000, primarily addressing process needs related to the need to comply with a 4.0 mg/L effluent total nitrogen limit. In the approximately 15 years since completion of that upgrade, both “new” and previous facilities have aged to the point that plant staff has been in a reactive mode keep vital systems running in order to maintain permit compliance. A series of emergency plant improvement projects is underway that targets high-priority aspects of the plant. These efforts will serve to extend the service life of those systems; however, it is clear that the Town is in need of an overall long-term Capital Improvement Program (CIP) to better anticipate needs at the plant, and plan and budget accordingly.

CDM Smith recently participated in a thorough tour of the WPCF. Based on our observations during the tour and discussions with plant staff, it is clear that the Town is doing its best with limited resources at maintaining the operational reliability of the plant. However, our initial observations also indicate that the WPCF will require a substantial amount of upgrade work over the next 20 years to remain reliability, and the Town is wise to plan for the cost of these upgrades. Among the areas of concern identified during our recent tour were the following:





Mr. Kevin Cafferty  
August 26, 2015  
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- Screenings removal in the preliminary treatment building is labor intensive and outdated. Facilities supporting the screening process, including access to the screenings room and ventilation systems require improvements.
- The influent pumps' firm capacity may be lacking
- The manual method of removed grit from the aerated grit chamber likely allows significant amounts of grit to proceed to downstream processes
- The lining of the influent peak-flow storage lagoons is not sound.
- HVAC systems throughout the site's older buildings
- Potential reduction in effluent copper from 20 ug/L to 4 ug/L. Copper compliance has been challenging for the facility.

The intent of this facilities assessment will be to investigate the WPCF in detail, identify a comprehensive list of necessary improvements, evaluate the relative priority and scheduling of these improvements, and develop a recommended CIP for the WPCF including budgeted costs.

## Scope of Work

### Task 1 - Project Management and Coordination

Kickoff Meeting. CDM will hold a project kickoff meeting at the beginning of the project to review the scope of work and the project schedule, to schedule initial site visits, and to begin data collection.

Project Meetings. CDM suggests two progress meetings during the project: one after the data collection and facilities assessment tasks (see Tasks 2 and 3, below) are complete, and one coinciding with CDM's submittal of the draft report. The purpose of the first meeting will be to review the results of the field facilities assessment. At the second meeting, CDM will present the draft report to Town staff.

### Task 2 - Data Collection and Analysis

CDM Smith will request from the Town a comprehensive "data dump" of the plant's operating data from the last 3-5 years. This data (influent, effluent, and inter-process) will aid in our field investigations and to highlight facilities with O&M issues or needs.

CDM Smith will manipulate the data to determine the current range of influent flows and loads, including average annual, maximum 30-day average and maximum-day conditions, necessary to evaluate the adequacy of the various unit processes at the plant. In addition, the resulting



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peaking factors and parameter ratios (e.g., influent BOD:TKN) are important to understand when evaluating plant operation.

### **Task 3 – Facilities Assessment**

CDM Smith will conduct a Facilities Assessment of the WPCF with the goal of identifying necessary capital improvements through 2035, and determining the costs associated with the needed improvements.

Following review of the WPCF available documents described in Task 1 and a basic familiarization with the WPCF, CDM Smith will conduct a field assessment of the WPCF. The field assessment will include specialists from the following technical disciplines:

- Process/mechanical;
- Operations and Maintenance (O&M);
- Electrical;
- Instrumentation and control;
- Structural;
- Architectural;
- Civil/site; and
- HVAC.

The field assessment activity will require some time from Town WPCF personnel to act as guides and answer questions from CDM Smith staff. CDM Smith will coordinate with plant staff to schedule convenient times.

The field facilities assessment will result in a list of recommended improvements to the WPCF, and a recommended schedule of implementation of the improvements, through 2035. CDM Smith will also indicate the reason(s) for each recommended improvement. Possible drivers for recommended improvements may include:

- Safety considerations. Examples might include repair or replacement of guardrail in poor condition, removal of trip hazards or providing protection for unguarded rotating machinery.



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August 26, 2015

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- Reliability. There are several areas of the existing WPCF where there is no backup or standby equipment available in case of failure of the primary unit or to facilitate regular maintenance of the primary unit (for example, the influent screen). Recommendations may include installation of standby equipment, where cost-effective, to reduce vulnerability to process downtime.
- Operational efficiency/energy savings. CDM Smith's facilities assessment may identify process changes, system adjustments or equipment replacements that would result in a reduction of ongoing O&M costs and/or energy consumption. This type of capital improvement frequently has pay-back periods of five years or less, and is therefore cost effective over a 20-year planning period. Importantly, improvements that result in a decrease in energy consumption very often qualify for partial cost rebate from the electric utility. Recommended improvements that may qualify under the rebate program will be earmarked. Potential examples might be replacement of the existing blowers, installation of new, more efficient pumps to replace old units, and new automatic control systems to optimize efficiency.
- Preventive maintenance. CDM's technical staff may identify preventative maintenance items that can be accomplished at minimal cost and save potential higher costs in the future for equipment or component replacement.
- Repair. There are several components of the WPCF that are in need of repair work. These will be identified and itemized.
- Odor Control. The WPCF currently does not include any odor control facilities. The cost vs. benefit of installing odor control in some process areas will be considered.
- Code update. Some areas of the WPCF have not undergone major capital improvements in more than 20 years. Codes that apply to many aspects of the WPCF have been updated in the years since, and CDM Smith expects that a significant number of code-compliance issues will be identified in the on-site audit. Typical code-compliance items identified at existing WPCFs include inadequate ventilation of electrically-classified spaces, inadequate clearance or egress, and non-compliance with EPA's reliability criteria regarding electrical systems at wastewater treatment plants.
- Modernization. Much of the equipment and operating systems are now nearing or are beyond the normally expected service life, and CDM Smith will identify and recommend improvements that will modernize the plant. To conclude this task, CDM will develop capital cost estimates for each of the recommended improvements. As noted above, we will then meet with the Town to discuss the results of the facilities assessment task.



Mr. Kevin Cafferty  
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#### **Task 4 – Assessment of Future Flow and Load**

Per our discussions during the site tour, it is necessary to assess possible changes in the future flow and loading to the WPCF within the 20-year period. The Town indicated the intention to expand the collection system to serve areas previously identified, and the flow and load from these new contributors needs to be considered. Based in information provided by the Town, CDM Smith will develop anticipated future flows and loads to serve as a basis for the improvements identified in the CIP.

#### **Task 5 –Process Modifications**

CDM Smith will complete an assessment of potential process changes that would be recommended to enable the WPCF to maintain compliance and efficient operation at current and anticipated future flows and loads. We will develop a plant simulation model utilizing the BioWin software by EnviroSim to mimic the plant's current operation and to investigate options. The BioWin plant simulator is a very powerful tool that CDM Smith uses on all treatment plants that provide nutrient removal, and can allow for investigation of "what if" scenarios. Examples of modeling exercises that might result in recommended process changes include:

- Does it make sense to equip the selector zones to operate in either anoxic or aerobic modes?
- What is the optimum operating solids retention time (SRT) in the system as it relates to the wastewater temperature variation seen at the plant?
- Is there a better way to operate the aerobic digesters?

For the planning-level exercise needed for developing a CIP, it is not necessary to spend the significant time or resources required to attain a high-level calibration of the model. Rather, a reasonable level of calibration will be attained by the use of existing plant data and the model's default kinetics.

#### **Task 4 – Report Development**

CDM will submit five copies of a draft report that summarizes the work performed under Tasks 1 to 4. Each major finding and recommendation will be described, including an explanation of the need and the basis for the projected cost range. We will identify any immediate safety or hazard concerns, if any, for the Town's information. The report will also provide suggested priorities for the improvements. We will finalize the report after receipt of comments from the Town, and submit five copies of the final document.





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## Budget and Schedule

### Budget

CDM Smith will complete the scope of work described for an upper limit of \$XXXXXX(TBD). This task will result in a thorough study of foreseeable WPCF needs for the next 20 years, including projected capital cost ranges.

### Schedule

CDM Smith will deliver the draft report within twelve weeks from receipt of a Notice-to-Proceed.

Thank you for the opportunity to support the Town with this work. Please consider this as an initial proposal for your review and discussion on the technical approach. Should the Town have any modifications to the scope of work, we are available to discuss such changes to ensure that the scope matches your needs. If there are any questions or comments, please contact me at 508-572-5214, or by email at [meadiw@cdmsmith.com](mailto:meadiw@cdmsmith.com).

Very truly yours,

A handwritten signature in black ink that reads "Ian W. Mead".

Ian W. Mead, P.E., BCEE  
Associate  
CDM Smith Inc.

Cc: Georgine Grissop, Bill McConnell

## Preliminary Capital Budget Scituate Wastewater Department

**TO:** William Branton, Chief Operator  
**FROM:** Ian Mead, P.E.  
Ian Catlow, P.E.  
**COPY:** Mike Schrader, P.E.  
**DATE:** October 20, 2017

---

Based on our recent discussions, Tighe & Bond understands that you are in the process of identifying capital projects to maintain the current level of service at the Town's wastewater treatment facility. We have summarized the five projects that we recently discussed with you along with their anticipated budgets below. Projects are not presented in any particular order of priority; however, it is important to note that many of the upgrade projects outlined below will be better defined through the Wastewater Facility Assessment described in the first project.

### Project 1: Wastewater Facility Assessment

Budget: \$65,000

#### Draft Scope of Work:

1. Screenings & Grit Removal - Identify problems with current screening and grit removal systems and recommend upgrades to address deficiencies.
2. Influent Pump Performance - Identify issues limiting pump capacity and recommend changes needed. In addition, assess pump vulnerability to emergency flooding conditions.
3. Structural and Architectural Systems - Assess the condition of the concrete structures at the facility and recommend repair and maintenance tasks to prevent wear and tear and reduce long term repair costs where needed. Assessments are likely to focus on older structures such as the aeration tanks, aerobic digesters, and the catwalks/walkways in these tanks.
4. Preventive Maintenance and Modernization - Identify and prioritize preventative maintenance items and equipment that can be modernized to reduce long term operations and maintenance costs.
5. Code Update - Identify code compliance issues associated with the classification of spaces, egress requirements, HVAC, life safety equipment, and electrical systems.

### Project 2: Screening & Grit Removal Upgrade

Budget: \$2,000,000

Draft Scope of Work: This project would include the replacement of the existing influent screen, the addition of a new screenings wash press to clean and transport screenings out of the existing screen room, and the replacement of existing flow control gates. Associated electrical and HVAC systems within the screening room would also be upgraded as part of the project. Grit removal upgrades were assumed to include replacement of aeration headers, piping, blowers and improved grit removal system.

### Project 3: Influent Pump Upgrade

Budget: \$1,600,000

Draft Scope of Work: This project would include the upgrade of the existing influent pumping system to address capacity issues and improve system resiliency. We have

assumed that all four existing influent pumps would be replaced along with their associated valves, fittings, electrical systems and influent flow metering systems.

**Project 4: Structural Concrete Repairs**

**Budget: \$250,000**

**Draft Scope of Work:** This project would include the repair of concrete tanks, foundations and other elements of the facility identified by the Wastewater Facility Assessment. For planning purposes, we have assumed that the majority of these repairs will be focused on aeration tank and aerobic digester tanks and catwalks/walkways. Additional work may include concrete crack repairs and leak sealing throughout the facility.

**Project 5: Vactor Tipping Pad Upgrade**

**Budget: \$560,000**

**Draft Scope of Work:** This project would include the design and construction of a new vactor tipping pad within a portion of the footprint of the effluent lined emergency storage lagoon. A pump station to return liquid discharged by the vactor to the head of the plant would also be included in the project with flexibility to aid in draining the emergency storage lagoon, as needed.

We ask that you review the outlines presented above and contact us to adjust project scopes and budgets as needed. Ian Mead can be reached at 508-471-9643 and Ian Catlow can be reached at 508-471-9605.

J:\S\S5001 Scituate DPW\Proposals\Preliminary Capital Budget 101917.docx



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2019 - FY2023**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-440-04
Project Title:	I/I Reduction
Category:	Repair and Maintenance
Department:	Sewer
Contact:	William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

**Description:**

*To provide financing for various projects to reduce inflow and infiltration in the collection system. It is a legal requirement that our department makes a continued effort and commitment to reduce I/I. The amount requested for FY 24 will be to replace and repair sections of the collection system identified in area 6-1*

**Benefits of Project and Impact if Not Completed:**

*Preserve and extend the life of our collection system, reduce operational costs to the pump stations and main facility, and allows for additional homes to be connected to sewer by preserving our outfall permitted flows limit. If I/I projects are not completed the capacity at the treatment plant will be limited by inflow and infiltration flows.*

**Discuss Operating Budget Impact:**

Reducing inflow and infiltration will allow the department to waste less energy pumping and treating water that does not belong in the collection system. It will also allow for increased capacity at the facilities which will lead to more properties being able to connect to the sewer system and support our budget through connection fees and quarterly service credits.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$55,000		\$55,000				<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$4,145,000		\$4,145,000				<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
							<input type="checkbox"/> CPA
<b>TOTAL</b>	<b>\$4,200,000</b>	<b>\$0</b>	<b>\$4,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

		CPA Purpose(s) Check all that apply				
Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$4,200,000</b>	<b>\$0</b>	<b>\$4,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Operating Budget Impact						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**I/I Programs Cost Summary**

**Option 1 - Basin-by-Basin Approach**

Meter	Priority	Priority Ranking <sup>1</sup>	Length (ft)	I/I	Construction Range <sup>3,4,5,6</sup>	
				Investigations <sup>2</sup>	Total Low Cost	Total High Cost
				Total		
4-2	High	1	4,724	\$ 20,000	\$ 700,000	\$ 1,700,000 <sup>7</sup>
5-1	High	2	9,223	\$ 25,000	\$ 1,400,000	\$ 1,900,000
6-1	High	3	21,068	\$ 55,000	\$ 3,000,000	\$ 4,200,000
4-1	High	4	14,735	\$ 40,000	\$ 2,100,000	\$ 3,000,000
<b>Subtotal</b>			<b>49,750</b>	<b>\$ 140,000</b>	<b>\$ 7,200,000</b>	<b>\$ 9,100,000</b>
5-2	Low	5	15,999	\$ 40,000	\$ 1,900,000	\$ 2,800,000
2-1	Low	6	19,424	\$ 45,000	\$ 2,300,000	\$ 3,500,000
1-1	Low	7	29,971	\$ 115,000	\$ 3,000,000	\$ 4,600,000
7-2	Low	8	20,190	\$ 55,000	\$ 2,300,000	\$ 3,500,000
<b>Subtotal</b>			<b>85,584</b>	<b>\$ 255,000</b>	<b>\$ 9,500,000</b>	<b>\$ 14,400,000</b>

**Notes**

1. Priority ranking based on the subarea's total I/I divided by the inch-miles. Based on MassDEP guidelines, subareas 2,2 3-1, 7-1 and 8-1 were not recommended for further inspection.
2. I/I Investigations cost includes flow isolation, cleaning and CCTV inspection, smoke testing, manhole inspections, and multi-sensor inspection of the main interceptor (where applicable). Cost does not include follow-up investigations such as house-to-house inspections and dye testing.
3. High priority subareas assumes 10%-15% of mainline sewer will need to be open cut replaced and 50%-70% will need to be cured-in-place pipe (CIPP) lined. Also assumes that 50%-70% of the manholes will need to be rehabilitated and 50%-70% of sewer services will need to be open cut replaced.
4. Low priority subareas assumes 7.5%-12.5% of mainline sewer will need to be open cut replaced and 40%-60% will need to be cured-in-place pipe (CIPP) lined. Also assumes that 40%-60% of the manholes will need to be rehabilitated and 40%-60% of sewer services will need to be open cut replaced.
5. Cost does not include main interceptor rehabilitation. This cost should not be estimated until a multi-sensor inspection is completed.
6. Construction cost includes construction contingency, engineering and permitting, bidding, construction services and police. Costs are in August 2016 dollars.
7. High cost for subarea 4-2 includes replacement of existing gravity system with new low pressure sewers and grinder pumps.

**TABLE 5  
TOWN OF SCITUATE  
FLOW MONITORING PROGRAM AND I/I ANALYSIS MEMO  
OPTION 1 - COST SUMMARY**

Inflow Subarea Rank	Sub Area	Volume Event Net Inflow (gal)	Volume Event Direct Net Inflow (gal)	Volume Event Indirect Net Inflow (gal)	Inch-Miles (in-mi)	Inflow Severity (g/in-mi)	Cumulative Inflow Volume Event (gal)	Cumulative Inflow Volume Event (%)
1	4-2	135,299	38,985	106,315	7.38	21,516	135,299	6%
2	6-1	352,670	63,162	289,508	32.00	10,360	517,969	25%
3	5-1	246,676	66,346	180,330	21.28	8,398	764,645	35%
4	4-1	201,242	5,113	196,129	23.01	8,751	975,928	45%
5	5-2	163,562	30,518	133,044	21.64	8,189	1,138,947	57%
6	1-1	391,138	77,789	313,349	71.25	5,066	1,530,100	76%
7	7-1	19,261	26,072	-13,396	30.59	4,572	1,716,967	83%
8	2-1	214,212	36,356	177,856	47.74	4,487	1,934,179	93%
9	3-1	102,209	85,342	16,867	49.54	2,063	2,036,388	98%
10	7-1	23,948	4,795	19,152	14.09	1,700	2,060,335	99%
11	2-2	10,412	5,063	5,348	7.60	1,370	2,070,747	99%
12	8-1	10,923	5,871	5,052	14.98	729	2,081,670	100%

System Total	2,081,670	366,413	1,715,257					
		17.60%	82.40%					

**Notes:**

Shading denotes areas recommended for further evaluation.

**TABLE 1  
TOWN OF SCITUATE  
FLOW MONITORING PROGRAM AND I/I ANALYSIS MEMO  
INFLOW RANKING FOR MARCH 14 AND 15, 2016 STORM BY SUB-AREA**

Infiltration Subarea Rank	Subarea	Length (LF)	Inch-Miles (in-mi)	Gross Infiltration (gpd)	Net Infiltration (gpd)	Infiltration Severity (gpd/in-mi)
6	3-1	18,930	49.54	669,981	81,991	1,655
7	5-2	15,999	31.64	220,625	46,662	1,475
8	7-1	9,298	14.09	19,039	19,039	1,351
9	1-1	29,971	77.25	959,768	81,977	1,061
10	7-2	20,190	30.59	31,368	31,368	1,025
11	2-2	5,015	7.60	7,791	7,791	1,025
12	8-1	9,889	14.98	368	368	25

SYSTEM TOTAL = 1,010,174 gpd

**Notes:**

Shading denotes areas recommended for further evaluation.  
 The net infiltration results are calculated from all dry weather days during the metering program.

TABLE 2  
 TOWN OF SCITUATE  
 FLOW MONITORING PROGRAM AND I/I ANALYSIS MEMO  
 INFILTRATION QUANTITIES AND SEVERITY RANKING (AVERAGE)








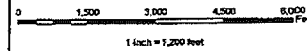
## Town of Scituate Massachusetts

Figure 5  
II Priority Areas

Updated:  
July 2016

### Legend

-  High Priority Remediation Area
-  Low Priority Remediation Area
- Meter Station
- Rain Gauge
-  Wastewater Treatment Plant
-  Pumping Station
- Sewer Manhole
- 8 inch
- 10 inch
- 12 inch
- 14 inch
- 15 inch
- 18 inch
- 24 inch
- 27 inch
- 30 inch
- 36 inch
-  Sub Area



**CDM  
Smith**





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2021-440-02		
Project Title:	I & I Oceanside 2021		
Category:			
Department:	Sewer	Contact:	William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

**Description:**

To provide financing for various projects to reduce inflow and infiltration in the collection system. It is a legal requirement that our department makes a continued effort and commitment to reduce I/I. The amount requested for FY 21 will be to replace and repair sections of the collection system in the ocean side drive area.

**Benefits of Project and Impact if Not Completed:**

Preserve and extend the life of our collection system, reduce operational costs to the pump stations and main facility, and allows for additional homes to be connected to sewer by preserving our outfall permitted flows limit. If I/I projects are not completed the capacity at the treatment plant will be limited by inflow and infiltration flows. The Oceanside drive area currently contributes an estimated 117,165 to 328,021 gallons per day in inflow or infiltration streams. These inflows can take up to 20.1% of the plant's capacity during the wet months.

**Discuss Operating Budget Impact:**

Preserve and extend the life of our collection system, reduce operational costs to the pump stations and main facility, and allows for additional homes to be connected to sewer by preserving our outfall permitted flows limit. If I/I projects are not completed the capacity at the treatment plant will be limited by inflow and infiltration flows. The Oceanside drive area currently contributes an estimated 117,165 to 328,021 gallons per day in inflow or infiltration streams. These inflows can take up to 20.1% of the plant's capacity during the wet months.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$65,000		\$65,000				<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$4,835,000		\$4,835,000				<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$4,900,000</b>	<b>\$0</b>	<b>\$4,900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$4,900,000</b>	<b>\$0</b>	<b>\$4,900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**I/I Programs Cost Summary**

**Option 1 - Basin-by-Basin Approach**

Meter	Priority	Priority Ranking <sup>1</sup>	Length (ft)	I/I Investigations <sup>2</sup>	Construction Range <sup>3,4,5,6</sup>	
				Total	Total Low Cost	Total High Cost
4-2	High	1	4,724	\$ 20,000	\$ 700,000	\$ 1,700,000 <sup>7</sup>
5-1	High	2	9,223	\$ 25,000	\$ 1,400,000	\$ 1,900,000
6-1	High	3	21,068	\$ 55,000	\$ 3,000,000	\$ 4,200,000
4-1	High	4	14,735	\$ 40,000	\$ 2,100,000	\$ 3,000,000
<b>Subtotal</b>			<b>49,750</b>	<b>\$ 140,000</b>	<b>\$ 7,200,000</b>	<b>\$ 9,100,000</b>
5-2	Low	5	15,999	\$ 40,000	\$ 1,900,000	\$ 2,800,000
2-1	Low	6	19,424	\$ 45,000	\$ 2,300,000	\$ 3,500,000
1-1	Low	7	29,971	\$ 115,000	\$ 3,000,000	\$ 4,600,000
7-2	Low	8	20,190	\$ 55,000	\$ 2,300,000	\$ 3,500,000
<b>Subtotal</b>			<b>85,584</b>	<b>\$ 255,000</b>	<b>\$ 9,500,000</b>	<b>\$ 14,400,000</b>

**Notes**

1. Priority ranking based on the subarea's total I/I divided by the inch-miles. Based on MassDEP guidelines, subareas 2,2 3-1, 7-1 and 8-1 were not recommended for further inspection.
2. I/I Investigations cost includes flow isolation, cleaning and CCTV inspection, smoke testing, manhole inspections, and multi-sensor inspection of the main interceptor (where applicable). Cost does not include follow-up investigations such as house-to-house inspections and dye testing.
3. High priority subareas assumes 10%-15% of mainline sewer will need to be open cut replaced and 50%-70% will need to be cured-in-place pipe (CIPP) lined. Also assumes that 50%-70% of the manholes will need to be rehabilitated and 50%-70% of sewer services will need to be open cut replaced.
4. Low priority subareas assumes 7.5%-12.5% of mainline sewer will need to be open cut replaced and 40%-60% will need to be cured-in-place pipe (CIPP) lined. Also assumes that 40%-60% of the manholes will need to be rehabilitated and 40%-60% of sewer services will need to be open cut replaced.
5. Cost does not include main interceptor rehabilitation. This cost should not be estimated until a multi-sensor inspection is completed.
6. Construction cost includes construction contingency, engineering and permitting, bidding, construction services and police. Costs are in August 2016 dollars.
7. High cost for subarea 4-2 includes replacement of existing gravity system with new low pressure sewers and grinder pumps.

**TABLE 5**  
**TOWN OF SCITUATE**  
**FLOW MONITORING PROGRAM AND I/I ANALYSIS MEMO**  
**OPTION 1 - COST SUMMARY**

Inflow Subarea Rank	Sub Area	Volume Event Net Inflow (gal)	Volume Event Direct Net Inflow (gal)	Volume Event Indirect Net Inflow (gal)	Inch-Miles (in-mi)	Inflow Severity (g/in-mi)	Cumulative Inflow Volume Event (gal)	Cumulative Inflow Volume Event (%)
1	4-2	185,299	58,085	126,305	7.36	24,316	185,299	9%
2	6	352,574	63,162	289,408	32.10	46,362	537,873	25%
3	5-1	210,673	65,516	145,022	21.28	5,858	748,546	35%
4	4-1	211,245	5,113	196,238	23.01	8,761	964,791	45%
5	5-2	162,982	30,818	128,340	31.64	8,131	1,133,923	57%
6	1-1	331,158	77,789	253,369	7.25	5,066	1,387,081	76%
7	2	19,866	25,072	13,396	30.50	4,272	1,406,967	83%
8	2-1	214,212	36,356	177,856	47.74	4,487	1,934,179	93%
9	3-1	102,209	85,342	16,867	49.54	2,063	2,036,388	98%
10	7-1	23,948	4,795	19,152	14.09	1,700	2,060,335	99%
11	2-2	10,412	5,063	5,348	7.60	1,370	2,070,747	99%
12	8-1	10,923	5,871	5,052	14.98	729	2,081,670	100%

System Total	2,081,670	366,413	1,715,257					
		17.60%	82.40%					

**Notes:**

Shading denotes areas recommended for further evaluation.

**TABLE 1  
TOWN OF SCITUATE  
FLOW MONITORING PROGRAM AND I/I ANALYSIS MEMO  
INFLOW RANKING FOR MARCH 14 AND 15, 2016 STORM BY SUB-AREA**

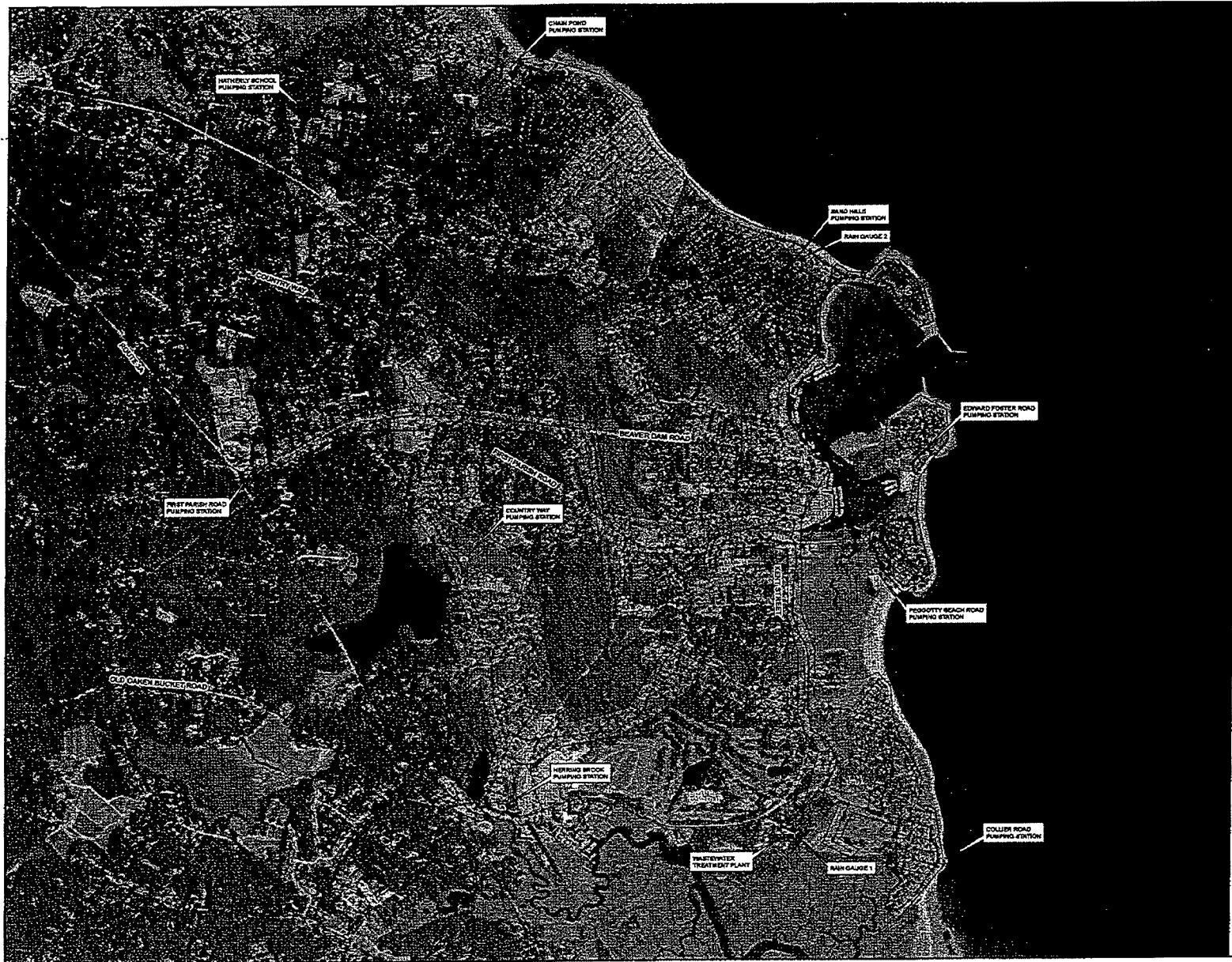
Infiltration Subarea Rank	Subarea	Length (LF)	Inch- Miles (in-mi)	Gross Infiltration (gpd)	Net Infiltration (gpd)	Infiltration Severity (gpd/in-mi)
6	3-1	18,930	49.54	669,981	81,991	1,655
7	5-2	15,999	31.64	220,625	46,662	1,475
8	7-1	9,298	14.09	19,039	19,039	1,351
9	1-1	29,971	77.25	959,768	81,977	1,061
10	7-2	20,190	30.59	31,368	31,368	1,025
11	2-2	5,015	7.60	7,791	7,791	1,025
12	8-1	9,889	14.98	368	368	25

SYSTEM TOTAL = 1,010,174 gpd

**Notes:**

Shading denotes areas recommended for further evaluation.  
 The net infiltration results are calculated from all dry weather days during the metering program.

TABLE 2  
 TOWN OF SCITUATE  
 FLOW MONITORING PROGRAM AND I/I ANALYSIS MEMO  
 INFILTRATION QUANTITIES AND SEVERITY RANKING (AVERAGE)





















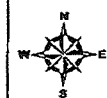
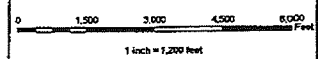
**Town of Scituate  
Massachusetts**

**Figure 5  
VI Priority Areas**

Updated:  
July 2016

**Legend**

-  High Priority Remediation Area
-  Low Priority Remediation Area
-  Meter Station
-  Rain Gauge
-  Wastewater Treatment Plant
-  Pumping Station
-  Sewer Manhole
-  8 inch
-  10 inch
-  12 inch
-  14 inch
-  15 inch
-  18 inch
-  24 inch
-  27 inch
-  30 inch
-  36 inch
-  Sub Area



**CDM  
Smith**



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2021-440-01	
Project Title:	Structural Repairs	
Category:	Repair & Maintenance	
Department:	Sewer	Contact: William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [x]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

This project would include the repair of concrete tanks, foundations and other elements of the facility identified by the Wastewater facility assessment. We assume that most of these repairs will be focused on aeration tank and digester walls, floors, and catwalks/walkways. This project will also include concrete crack repairs and leak sealing throughout the facility.

**Benefits of Project and Impact if Not Completed:**

This project will allow the department to maintain its aging concrete structures and to complete repairs prior to a serious failure. It is much more cost effective to repair existing structures than it will be to replace them once they fail.

**Discuss Operating Budget Impact:**

This structural repair project will save the department money in the long run by addressing issues with aging structures while they are still developing and easy to address. Early investment in the maintenance of these structures will save the department from emergency repairs down the road.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$250,000		\$250,000			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

## Preliminary Capital Budget Scituate Wastewater Department

**To:** William Branton, Chief Operator  
**FROM:** Ian Mead, P.E.  
Ian Catlow, P.E.  
**COPY:** Mike Schrader, P.E.  
**DATE:** October 20, 2017

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Based on our recent discussions, Tighe & Bond understands that you are in the process of identifying capital projects to maintain the current level of service at the Town's wastewater treatment facility. We have summarized the five projects that we recently discussed with you along with their anticipated budgets below. Projects are not presented in any particular order of priority; however, it is important to note that many of the upgrade projects outlined below will be better defined through the Wastewater Facility Assessment described in the first project.

### Project 1: Wastewater Facility Assessment

Budget: \$65,000

#### Draft Scope of Work:

1. Screenings & Grit Removal - Identify problems with current screening and grit removal systems and recommend upgrades to address deficiencies.
2. Influent Pump Performance - Identify issues limiting pump capacity and recommend changes needed. In addition, assess pump vulnerability to emergency flooding conditions.
3. Structural and Architectural Systems - Assess the condition of the concrete structures at the facility and recommend repair and maintenance tasks to prevent wear and tear and reduce long term repair costs where needed. Assessments are likely to focus on older structures such as the aeration tanks, aerobic digesters, and the catwalks/walkways in these tanks.
4. Preventive Maintenance and Modernization - Identify and prioritize preventative maintenance items and equipment that can be modernized to reduce long term operations and maintenance costs.
5. Code Update - Identify code compliance issues associated with the classification of spaces, egress requirements, HVAC, life safety equipment, and electrical systems.

### Project 2: Screening & Grit Removal Upgrade

Budget: \$2,000,000

Draft Scope of Work: This project would include the replacement of the existing influent screen, the addition of a new screenings wash press to clean and transport screenings out of the existing screen room, and the replacement of existing flow control gates. Associated electrical and HVAC systems within the screening room would also be upgraded as part of the project. Grit removal upgrades were assumed to include replacement of aeration headers, piping, blowers and improved grit removal system.

### Project 3: Influent Pump Upgrade

Budget: \$1,600,000

Draft Scope of Work: This project would include the upgrade of the existing influent pumping system to address capacity issues and improve system resiliency. We have

assumed that all four existing influent pumps would be replaced along with their associated valves, fittings, electrical systems and influent flow metering systems.

**Project 4: Structural Concrete Repairs**

Budget: \$250,000

Draft Scope of Work: This project would include the repair of concrete tanks, foundations and other elements of the facility identified by the Wastewater Facility Assessment. For planning purposes, we have assumed that the majority of these repairs will be focused on aeration tank and aerobic digester tanks and catwalks/walkways. Additional work may include concrete crack repairs and leak sealing throughout the facility.

**Project 5: Vactor Tipping Pad Upgrade**

Budget: \$560,000

Draft Scope of Work: This project would include the design and construction of a new vactor tipping pad within a portion of the footprint of the effluent lined emergency storage lagoon. A pump station to return liquid discharged by the vactor to the head of the plant would also be included in the project with flexibility to aid in draining the emergency storage lagoon, as needed.

We ask that you review the outlines presented above and contact us to adjust project scopes and budgets as needed. Ian Mead can be reached at 508-471-9643 and Ian Catlow can be reached at 508-471-9605.

J:\S\S5001 Scituate DPW\Proposals\Preliminary Capital Budget 101917.docx





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2021-440-03
Project Title: First Parish Pump Station Rehab	
Category: Equipment	
Department: Sewer	Contact: William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring [  ]    Resubmission [  ]

                  Multiyear [  ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace pumps, level controls, alarm system, instrumentation, control panels, and integrate station with SCADA system.

**Benefits of Project and Impact if Not Completed:**

The First Parish Pump Station is among the oldest pump stations in Town. Equipment in this station is beyond its expected useful life. With the addition of the Gates Middle School to this station's collection system there is a greater risk that the old equipment within this station could begin to fail at an accelerated rate. This station provides sewer service for three different schools and the town hall, failure at this station could impact the school and town hall's ability to function.

**Discuss Operating Budget Impact:**

New pumps and controls would offer greater efficiencies and lower electric costs.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$10,250		\$10,250				<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$102,500		\$102,500				<input type="checkbox"/> Capital Stabilization
Contingency	\$10,250		\$10,250				<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$123,000</b>	<b>\$0</b>	<b>\$123,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0						<b>CPA Purpose(s)</b> Check all that apply
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$123,000</b>	<b>\$0</b>	<b>\$123,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

<b>Operating Budget Impact</b>							
During Project	\$0						<input type="checkbox"/> Open Space
Post-Project Annual							<input type="checkbox"/> Recreation
Post-Project One-time	\$0						<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing

**First Parish Pump Station Cost Breakdown Estimates:**

- New pumps: \$46,000
- New instrumentation: \$12,000
- New Control Panels: \$16,000
- New level control system: \$1,500
- SCADA integration: \$9,000
- Misc. piping, gauges, conduits, labor: \$18,000

**Total: \$102,500**



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2021-440-04		
Project Title:	RAS Capacity		
Category:	Equipment and Technical Services		
Department:	Sewer	Contact:	William Branton
Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase	__ of __

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

**Description:**

In August 2018 the Sewer Division had an evaluation done on it's secondary clarifiers. The evaluation found two significant performance-limiting factors: 1. Major lack of RAS pumping capacity and 2. absence of an optimum center well to disperse solids and flows. This project will provide funding for the division study and design of how to best increase return pumping capacity. Current pumps are rated for the recommended flow levels which indicates that pipe diameter of buried infrastructure may need to be replaced with larger pipes to achieve the recommended flow rates.

**Benefits of Project and Impact if Not Completed:**

The secondary clarifiers are the stage of treatment where solids are separated from the water. By not having sufficient flow capacity for the return activated sludge then the clarifiers will overflow under conditions where they normally would be able to handle. Solids overflowing from the clarifier leads to excessive wear and tear and damage to equipment in downstream processes.

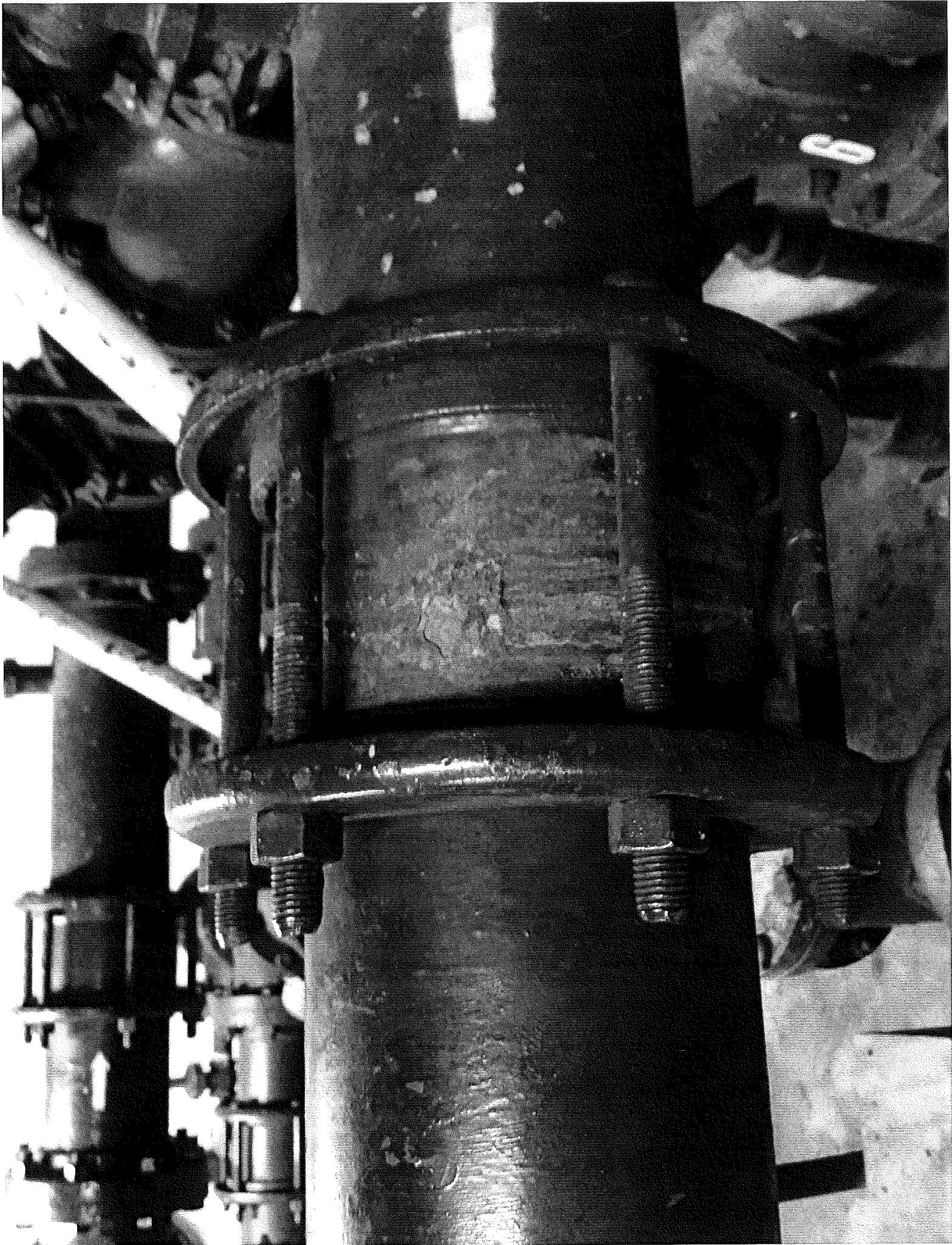
**Discuss Operating Budget Impact:**

Upgrading the return capacity will allow the WWTP to build out the collection system to connect additional properties without overwhelming this stage of treatment. Multiple high flow events happen each year, during these events the WWTP suffers greater wear and tear on equipment and needs to staff the facility during off hours to constantly make adjustments to avoid the clarifiers overflowing. When the clarifiers overflow their solids it can substantially damage equipment and treatment processes down the line. Recovering these treatment processes and repairing equipment during these events requires a substantial amount of overtime during difficult weather conditions.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$30,000		\$30,000				<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$150,000		\$150,000				<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$150,000		\$150,000				<input type="checkbox"/> Capital Stabilization
Contingency	\$30,000		\$30,000				<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$360,000</b>	<b>\$0</b>	<b>\$360,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested		CPA Purpose(s) Check all that apply				
Grant Amount Requested	\$0					<input type="checkbox"/> Open Space
CPA Amount Requested	\$0					<input type="checkbox"/> Recreation
<b>Net of CPA and Grants</b>	<b>\$360,000</b>	<b>\$0</b>	<b>\$360,000</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> Historical
						<input type="checkbox"/> Housing
<b>Operating Budget Impact</b>						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					







## I. PROJECT OBJECTIVES

The Town of Scituate Municipal Wastewater Authority's (SMWA) Treatment Plant (WWTP) is an extended aeration activated sludge facility. This plant consists of preliminary (screening and grit removal), an activated sludge process with multiple aeration basins and three secondary clarifiers. The process is designed to nitrify and denitrify, and add dissolve oxygen before discharge.

The present plant, with three clarifiers in operation, was designed to treat a peak daily flow of 4.34 million gallons per day (mgd) and an average annual design flow of 1.66 mgd. The current average daily flow is approximately 1.3 mgd.

The primary objective of this field study was to evaluate the hydraulic performance characteristics of a secondary clarifier while operating at both normal and elevated flow rates and solids loadings. This evaluation was to help assess the capacity of the clarifiers and determine (a) their present performance characteristics and (b) the potential for any additional modifications that could improve their performance and reliability under current permit conditions and future operating conditions.

In order to accomplish these objectives, the field investigation was designed to accomplish the following major findings for the secondary clarifiers:

1. Develop flow curves and determine the hydraulic characteristics and actual detention times for the test clarifier #1 at predetermined flows.
2. At the initial flow rate, determine the location and intensity of the major and minor currents by conducting drogoue current tests.
3. Also at this flow rate, determine and monitor the formation and movement of the sludge blankets.
4. Then, to the extent possible, at an elevated surface overflow flow (SOR) rate, repeat the same tests to again to determine:
  - o the hydraulic characteristics and detention times,
  - o the location and intensity of the currents, and
  - o formation of the sludge blankets
5. Based on these tests and other observations, assess the capacity of this clarifier and recommend any modifications to improve its performance and the capacity of the clarification system.

## II. DESCRIPTION OF THE CLARIFIERS

### A. General Description – Secondary Clarifiers FC-1; FC-2; FC-3:

There are three identical secondary clarifiers; ref Plant Layout Figure A1. These tests focused on Clarifier #1

#### 1. General Clarifier Configuration

The secondary clarifiers are circular with spiral sludge collectors. Each clarifier is 45-ft in diameter. The sidewater depth is approximately 12-ft, sloping to 14-ft at the center.

The influent to each clarifier is via standard 7-ft diameter centerwell; the effluent is via a single perimeter launder with a standard v-notch weir. There is also a horizontal baffle attached to the outer wall and located about two feet below the water surface.

## III. THE CLARIFICATION PROCESS

The secondary clarifier is often the most critical link in the biological wastewater treatment process. Its main function is to separate the activated sludge solids from the treated effluent and to allow the clarified effluent to pass on to the point of discharge. As an additional function, the clarifier is sometimes used to thicken and store the settled activated sludge solids in order to minimize sludge wasting volume and reduce return sludge flow rates.

Although many designs assume that a clarifier is a "plug flow" reactor, and that it has a defined detention time (based on its volume) to effectively accomplish these functions, studies have shown that clarifier flow patterns are often more like those of an "arbitrary-flow", or, "mixed-flow" reactor. This is particularly true in the case of clarifiers treating a wastewater with a mass of flocculent suspended solids. In all cases, the clarifier's efficiency is affected by the formation of various hydraulic currents. These currents can impair a clarifier's effectiveness and greatly reduce a clarifier's ability to separate and thicken the flocculent activated sludge solids from the wastewater.

## IV. LOCATING CURRENTS: Use of Drogue Current Tests:

The currents in a clarifier often vary considerably by depth and by distance from the influent point. In order to locate and quantify these currents, we use a type of "flow catcher" called a "drogue". This drogue is constructed to drift with the current at whatever depth and location the drogue is suspended at. This drogue test accurately delineates the movements of the clarifier's currents in the horizontal plane. The drogue for these tests was launched from the walkway at about 8-ft from the center of the clarifier.



## V. DISCUSSION OF OTHER TESTS

### A. Clarifier Test Flow Rates:

In order to determine the performance of these clarifiers under more stressed conditions, two test flow rates were imposed on clarifier #1. The initial flow rate was approximately 1.4 mgd; the second flow rate was approximately 2.4 mgd. The flow for each stress level was achieved by delivering the selected flow rate, as measured by the plant's flow meters, to Clarifier #1. The test flow rate was established approximately one hour before the start of a stress test.

### B. Return Sludge Flow Rates:

Each secondary clarifier pumps its return activated sludge (RAS) flow back to the return sludge system. At the end of the stress tests, a drawdown test was conducted in clarifier #1 in order to calculate the actual RAS rate. This test confirmed the accuracy of the plant's RAS flow meter.

### C. Sludge Blanket Tests / Vertical Solids Profiles:

Using the Royce Model 711 electronic suspended solids analyzer, we can accurately determine the concentration of the suspended solids throughout the entire vertical section of a secondary clarifier at any location. This hand-held meter enables us to quickly determine the formation and composition of the blanket in a clarifier throughout the duration of each stress test.

At several intervals during each secondary clarifier flow rate test, vertical solids profiles (VSP's) were obtained from multiple locations along the access bridge.

### D. Mixed Liquor Concentrations / Return Sludge Concentrations:

The mixed liquor and return sludge concentrations are important elements in the evaluation of any clarifier's performance. The concentrations of the mixed liquor and the return sludge were determined by multiple grab samples from the aeration basin and from the return sludge pump.

### E. Dispersed (DSS):

Although a plant may do a good job of settling solids or removing organics in the activated sludge process, one of the most important activated sludge process control activities is developing a floc that settles well and that reduces particulate matter in the effluent. These properties of the floc are a function of both the make-up of the influent suspended solids as well as the biological process and the mechanics of the aeration basins and the clarification process.

In order to determine if better settling conditions in the clarifiers could improve effluent quality, several samples of the test clarifier's effluent were subjected to enhanced settling tests. For this type of test, a sample of the effluent was allowed to settle for 30 minutes to obtain a clear supernatant sample for TSS analysis. This sample is referred to as the "dispersed suspended solids", or DSS.

## VI. PLANT CONDITIONS DURING THE TEST PERIOD:

### A.1. Secondary Clarifier Dimensions:

The approximate clarifier dimensions are as follows:

Clarifier Surface Area:	1590 sf
Clarifier Volume:	155,000 gal
Approx. Weir Length:	141 lf

This yields the following unit hydraulic loading values, based on the total through flow per clarifier (clarifier effluent flow), divided by the total surface area:

Test #	Flow Rate per Clarifier (mgd)	S.O.R (gal/sf/d)	Weir Loading (gal/lf/d)
#1	1.4	880	10,000
#2	2.4	1510	17,000

### A.2 Secondary Clarifier Solids Loadings:

The following average loading rates and activated sludge characteristics were present in the clarifier during the two test periods:

#### SOLIDS LOADINGS

	Test #1	Test #2
Test Flow Q (mgd)	1.4	2.4
RAS Flow Q <sub>R</sub> (mgd)**	0.7	0.7
Total Q + R (mgd)	2.1	3.1
Aver. MLSS (mg/l)	3200	3460
Aver. RAS (mg/l)	8000	9210
Lbs. Added/day (1,000 Lbs)	56	89
Lbs. removed/day (1,000 Lbs)	47	54
DIFFERENCE (1,000 Lbs)	-9	-35
Solids Loading (Lb/sf/d)	35	56

### B. Vertical Solids Profiles (VSPs):

For each test, the entire vertical water column was cross-sectioned at three locations along its access bridge at multiple times during each test using the portable Royce Model 711 Suspended Solids meter.

## VII. THE TEST RESULTS

### A. Detention Time Dye Tests:

A flow curve was developed for each test clarifier for each flow condition by sampling the dye concentration in the effluent from each clarifier over several hours. For each test, the dye was introduced into the centerwell or EDI of each test clarifier so that it would be well distributed as it entered the clarifier. During each of the tests, whole effluent samples were collected initially at 5-minute intervals, then at greater intervals after the dye concentrations had peaked. The results of each of these tests are shown in the "Dye Test Summary" (attached) and are summarized in the following table. In this table, the theoretical detention time of a clarifier is based on the clarifier volume divided by its effluent flow:

#### Secondary Clarifier #1

Test #	Test Flow Rate (mgd)	Tt (min)	Ti (min)	Ti/Tt Effic. (%)	Tm (min)	Modal Effic. (%)	Ta (min)	Hydraulic Effic. (%)
1	1.4	166	20	12	55	33	75	45
2	2.4	93	15	16	25	27	49	53

### B. Other Observations:

#### 1. Vertical Solids Profiles:

Vertical solids profiles (VSPs) of the entire water column were conducted at three locations along the siaccess bridge. These VSPs were collected at different times throughout each test period in order to observe the changes in blanket levels and the amount of solids in each clarifier. The following are the results:

#### TEST #1 @ 1.4 mgd

Time: 0740

Time: 0900

Depth	2'	7'	16'	Tot.	Depth	2'	7'	16'	Tot.
-1'	3.1	0	0		-1'	2.8	0	0	
-2'	2.9	0	0		-2'	2.3	0	0	
-3'	2.9	0	0		-3'	2.3	0	0	
-4'	2.1	0	0		-4'	0.5	0	0	
-5'	2.8	0	0		-5'	0	0	0	
-6'	0.5	0	0.1		-6'	0	0	0	
-7'	1.0	0	0.1		-7'	0	0	0	
-8'	1.0	0	0.1		-8'	0	0	0	
-9'	1.1	1.2	0.4		-9'	1.3	1.0	0.2	
-10'	1.0	2.3	3.0		-10'	1.3	1.6	1.6	
-11'	1.7	5.1	9.0		-11'	2.7	5.1	9.3	
-12'	10	10			-12'	5.7	7.9		
-13'	10				-13'	9.1			
<b>Tot.</b>	<b>41.0</b>	<b>18.6</b>	<b>12.7</b>	<b>72</b>	<b>Tot.</b>	<b>28.0</b>	<b>15.6</b>	<b>11.1</b>	<b>55</b>

Time: 1010					Time: 1105				
Depth	2'	7'	16'	Tot.	Depth	2'	7'	16'	Tot.
-1'	3.5	0	0		-1'	2.7	0	0	
-2'	3.4	0	0		-2'	2.7	0	0	
-3'	3.3	0	0		-3'	2.7	0	0	
-4'	1.4	0	0		-4'	0.2	0	0	
-5'	0	0	0		-5'	0	0	0	
-6'	0	0	0		-6'	0	0	0	
-7'	0.1	0	0		-7'	0	0	0	
-8'	0.2	0	0		-8'	0.8	0	0	
-9'	1.2	0.3	0.2		-9'	0.9	1.3	1.7	
-10'	1.8	2.3	2.2		-10'	1.2	3.1	2.7	
-11'	2.0	4.8	6.8		-11'	5.7	5.2	6.5	
-12'	9.0	7.7			-12'	8.8	8.6		
-13'	10				-13'	10			
<b>Tot.</b>	<b>35.9</b>	<b>15.1</b>	<b>9.2</b>	<b>60</b>	<b>Tot.</b>	<b>35.7</b>	<b>18.2</b>	<b>10.9</b>	<b>65</b>

**TEST #2 @ 3.4 mgd**

Time: 1155					Time: 1300				
Depth	2'	7'	16'	Tot.	Depth	2'	7'	16'	Tot.
-1'	1.6	0	0		-1'	4.1	0	0	
-2'	3.6	0	0		-2'	4.1	0	0	
-3'	3.6	0	0		-3'	4.1	0	0	
-4'	3.7	0	0		-4'	4.0	0	0	
-5'	1.4	0	0		-5'	3.6	3.0	2.6	
-6'	1.2	0	0		-6'	3.3	3.5	3.1	
-7'	1.7	0	0		-7'	3.8	3.5	3.3	
-8'	1.8	0	0		-8'	3.7	3.7	3.5	
-9'	1.2	1.7	1.9		-9'	3.8	3.6	3.6	
-10'	1.1	3.0	8.8		-10'	5.3	4.5	5.2	
-11'	2.9	5.9	5.8		-11'	5.8	7.8	8.9	
-12'	9.3	8.5			-12'	6.4	10		
-13'	10				-13'	9.8			
<b>Tot.</b>	<b>43.1</b>	<b>19.1</b>	<b>16.5</b>	<b>79</b>	<b>Tot.</b>	<b>61.8</b>	<b>39.6</b>	<b>30.2</b>	<b>132</b>

Time: 1345

Depth	2'	7'	16'	Tot.
-1'	4.1	0	0	
-2'	4.1	0	0	
-3'	4.1	3.5	2.8	
-4'	4.2	3.8	3.8	
-5'	4.2	4.1	3.7	
-6'	4.1	3.8	3.8	
-7'	4.1	4.2	4.0	
-8'	4.1	4.1	4.2	
-9'	4.0	4.8	5.2	
-10'	6.0	6.9	7.0	
-11'	7.9	7.6	8.9	
-12'	8.9	9.0		
-13'	10			
<b>Tot.</b>	<b>69.8</b>	<b>51.8</b>	<b>43.4</b>	<b>165</b>

**END OF TEST**

## 2. Return Sludge Flows:

The return sludge (RAS) flow rate from each clarifier were controlled by a return sludge pump. The flow from the test clarifier was estimated to be 0.7 mgd for each test. Based on an average of the grab samples collected during the tests, the following were determined to be the approximate RAS concentrations (in mg/l):

### Average RAS Concentrations

Test Flow	RAS Flow	FC-1
1.4 mgd	0.7 mgd	8000
2.4 mgd	0.7 mgd	9210

## 3. Effluent TSS Tests:

In order to verify the performance of the test clarifiers, discrete samples were grabbed every ½-hour from each test clarifier's effluent launder as it exited the clarifier. The following are the results of these effluent TSS results (in mg/l) for the respective stress test flow rates, followed by the observed low and high values:

Clarifier FC-1	ETSS	Effl. DSS
Test #1 @ 1,1 mgd	12(10-13)	6
Test #2 @ 2.4 mgd	17(14-20)	12

#### 4. Activated Sludge MLSS and Settleability:

During the stress tests, the MLSS was sampled every ½-hour throughout the test period. Some samples were also settled for 30 minutes to determine their Sludge Volume Index. These settled samples yielded the following average results:

Test #	MLSS	SVI
Test #1	3200	91
Test #2	3460	96

### VIII. DISCUSSION OF TEST RESULTS

#### A. Short-Circuiting Currents:

The currents in activated sludge clarifiers are usually rather straight-forward: the flow from the inlet drops downward and forms a density current that progresses towards the perimeter. The design of the inlet and the effluent launders can often minimize this pattern, but some density current is still going to form.

Based on the flow curves, at the initial flow rate of 1.4 mgd per clarifier, the clarifiers exhibited the moderate short-circuiting currents, with dye reaching the effluent launders in 20 minutes. As the flow rate was increased, the clarifier showed a dramatic increase in short-circuiting, with the dye reaching the launders in 15 minutes.

Aside from the general short-circuiting, the maximum current measured was in the range of 2- to 3-fpm at the -9 and -10-ft depth during the first stress test. During the second stress test, there were negligible currents because of the extremely elevated sludge blanket; this high sludge blanket dampens any currents.

#### B. Sludge Blanket Formation:

There was very little accumulation of a sludge blanket during the initial test at 1.4 mgd. As the flow was increased for the second test, the amount of solids in the test clarifier increased dramatically, leading to a failure due to the imminent loss of the blanket. This was apparent from the tremendous increase in the solids in the clarifier in less than three hours at the higher flow rate.

### C. Return Sludge Flows:

The clarifier was initially operated at its normal RAS rate of 0.7 mgd during the first flow rate test. Since this was the maximum capacity of the RAS pump, the rate during the second test at 2.4 mgd remained the same 0.7 mgd. As noted previously, this flow rate was confirmed by the "drawdown" test.

It should be noted that, when more than one RAS pump is in service, the individual pump capacity is reduced due to the additional pressure from the other RAS pump(s). Although there wasn't an opportunity to determine the maximum RAS capacity, it is likely that with all three pumps on line, their maximum output would be less than 2 mgd.

The current NEIWPCC TR-16 "Guides for the Design of Wastewater Treatment Works" recommends a RAS pumping capacity of 150% of the average daily design flow for this type of activated sludge process. This would require a firm RAS pumping capacity of 2.5 mgd.

### D. Other Observations:

#### 1. Effluent TSS (ETSS):

The ETSS was reasonably good during the first stress test, averaging 12 mg/l. During the second stress test, the ETSS increased slightly, averaging 17 mg/l, with the highest ETSS of 20 mg/l. However, it should be noted that with the excellent quality of the MLSS produced by the aeration system, a clarifier with better hydraulic characteristics could have produced an effluent of 6 mg/l at the first flow rate, and an effluent of 12 mg/l at the higher flow rate. This indicates that an improvement in the hydraulic characteristics of these clarifiers could generate an improvement of 30 to 50% reduction of ETSS.

#### 2. Scum:

At no time during these tests did there appear to be an excessive amount of surface scum on the clarifier.

#### 3. Sludge Collection Mechanisms:

The sludge collection mechanisms on the test clarifier appeared to be operating normally

## IX. CONCLUSIONS and RECOMMENDATIONS:

The primary objective of this field study was to evaluate the hydraulic performance characteristics of these test clarifiers while operating at both normal and elevated flow rates and solids loadings.

By all standards, whether based on the flow curves, the density currents, and especially effluent TSS at higher flow conditions, these clarifiers had significant performance issues at the elevated flow rates.

It should be noted that, if the MLSS were not so well-developed, with a better-than-normal Sludge Volume Index, these clarifiers would not have performed as well as they did under these stressed loading conditions. This is a function of excellent process control which enables a clarifier system to out-perform expectations.

The following are some recommendations for consideration for these clarifiers:

1. With regard to the arrangement of the centerwell/influent baffle, as presently constructed, there is an inclination for the flow to be directed downward toward the sludge hopper. Not only would this work against the collection of the return sludge, it would also help form the density current. Although the impact of this feature could not be measured during these tests, it is our recommendation that there be an influent baffle re-design to enhance flocculation and to prevent the flow from being directed downward. The redesign that we recommend is a Type II LA-EDI, with the enhanced flocculation appurtenances. (See attached CFD analysis)
2. The presence of the horizontal "density current" baffle beneath the effluent weirs appears to be working as intended. Although there is often a concern with solids collecting on the surface of the baffle, this is not identified as a problem in these clarifiers. Accordingly, we recommend retaining the existing baffle.
3. The most serious concern with this test clarifier, and the entire clarifier system, is the lack of return sludge capacity. The current NEIWPC TR-16 "Guides for the Design of Wastewater Treatment Works" recommends a RAS pumping capacity of 150% of the average daily design flow for this type of activated sludge process. This would require a firm RAS pumping capacity of 2.5 mgd. As demonstrated by the rapid increase in solids retained during the high flow rate test, this deficiency is the most serious performance-limiting factor in this clarifier system. Accordingly, we recommend immediate attention to this deficiency.
4. A basic tenet of good clarifier operation is the even distribution of flow into and out of a clarifier. From our limited observations during these tests, it appears that the distribution of the influent to these clarifiers would be a continuing challenge. While the installation of simple rectangular weirs in the effluent



launder could permit some basic control of the flows, a further exploration of this subject is beyond the scope of this report. However, the achievement of an even balancing of flows into the individual clarifiers of a clarifier system is essential to process control and optimal performance.

**In Summary**, this clarifier system has two significant performance-limiting factors: the absence of an optimum centerwell and a major lack of RAS pumping capacity. As demonstrated by the balance of solids into and out of the test clarifier, the system will not be able to meet its performance expectations until, at least, the RAS pumping limitation is addressed. It should be recognized that the main reason why this system has been able to perform so well with these limitations is that the operation of the activated sludge process continues to generate a MLSS with such admirable settling characteristics.



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2021-440-06		
Project Title:	New Truck		
Category:			
Department:	Sewer	Contact:	William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

Replace Ranger with a full size 4x4 service vehicle equipped with a crane, plow body and plow.

**Benefits of Project and Impact if Not Completed:**

Current vehicle is showing signs of wear and tear and is expected to need substantial repairs to continue operating. By replacing this vehicle the department will gain the ability for a third vehicle which can respond to emergencies at pump stations. The crane is a necessary addition that allows staff to and replace equipment like pumps at the stations. The replacement truck will also be plow ready and can be used with the rest of the fleet for snow removal projects in the winter.

**Discuss Operating Budget Impact:**

Replacing our old truck with a new one will prevent repeated repair and maintenance costs associated with the old vehicle. The town will also enjoy savings from increased efficiencies in fuel consumption. By having another plow ready vehicle for snow removal the town will be able to depend less on contracted plowing reducing overall snow removal costs.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$47,046		\$47,046				<input type="checkbox"/> Capital Stabilization
Contingency	\$4,954		\$4,954				<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$52,000</b>	<b>\$0</b>	<b>\$52,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$52,000</b>	<b>\$0</b>	<b>\$52,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



# Liberty Chevrolet

90 BAY STATE ROAD • WAKEFIELD, MA 01880  
781-246-1919 FAX 781-245-8987

DATE 06/20/18  
DEAL # 86308

SOLD TO:  
ADDRESS TOWN OF SCITUATE DPW  
600 CHIEF JUSTICE CUSHING HYW  
SCITUATE MA 02066

INVOICE NO.  
**102204**

KEVIN NUGENT

CUST. NO.	STOCK NO.	YEAR-MAKE	MODEL	NEW OR USED	SERIAL NO.	KEY NO.	SALESMAN
8457	1870780	2018 CHEVROLET TRUCKS	SILVERADO 25	NEW	1GC0KUEG5JZ203356		

INSURANCE COVERAGE INCLUDES

- FIRE AND THEFT  
 COLLISION - AMT. DEDUCT.  
 PUBLIC LIABILITY - AMT.  
 PROPERTY DAMAGE - AMT.

PRICE OF CAR  
FREIGHT AND HANDLING  
OPTIONAL EQUIP. & ACCESS.

39258.85

OPTIONAL EQUIPMENT AND ACCESSORIES

GROUP	DESCRIPTION	PRICE

SALES TAX  
LICENSE AND TITLE  
**TOTAL CASH PRICE**

39258.85

FINANCING  
INSURANCE  
**TOTAL TIME PRICE**

39258.85

SETTLEMENT:

DEPOSIT  
CASH ON DELIVERY  
USED CAR: -  
TYPE  
SERIAL NO.  
  
ENGINE NO.  
PAYMENTS:

39258.85

**TOTAL 39258.85**

ALWAYS SHOW SERIAL, ENGINE AND KEY NUMBERS

# Metropolitan Truck Center Inc.

# Service Estimate 12432

Name	Town Of Scituate(Sewer)Dep	Company	Created	09/13/18	Year	2017
Address	161 Driftway	Address 2	Time	7:51 AM	Make	CHEVROLET
Home	Scituate, MA 02066	V.I.N. #	Promised	Paul	Model	K2500 HD
Work	781-545-8731(32)	Eng/Trans	Advisor	RE	Lic.#	
Fax			Division		Unit#	
			PO#		PH#	
			Page#	1 of 1		

### Job Description

Supply and install a (Western Mule Fold Away Crane) on customers chassis.

Model #A-2500-WO-16-WO-17

This is a 2500 LB. fold away bumper crane. With Aluminum Diamond Plate Cover and lower bumper enclosure.

Complete installed price will be \$7,787.00

*2018 TMA Head  
1835 J  
+ 4 Parts RAM  
257.80*

RECEIVED  
SEP 19 2018  
TOWN OF SCITUATE  
SEWER DIVISION

1074 Turnpike St. | Stoughton, MA 02072

781-344-8262 | Fax 781-344-6189 | [www.metropolitantruck.com](http://www.metropolitantruck.com)

Estimates are an approximation of charges to you, and they are based on the anticipated details of the work to be done. It is possible for unexpected complications to cause some deviation from the estimate. If additional parts or labor are required you will be contacted immediately.

Estimate Total	
Labor	\$0.00
Parts	\$0.00
Sublets	\$0.00
Subtotal	\$0.00
Tax	\$0.00

**WESTERN MULE**FOLD-A-WAY  
CRANE**MODEL: A-2500****SPECIFICATION SHEET**

**TYPE:** The Crane shall be a fold a way bumper-mounted type, 77" wide (3) for mounting to standard Full-Size Pickups.

**CAPACITY:** The Crane shall have a designated lifting capacity of 1500 lbs. single line and 2500 lbs. double line using a travelling block with safety hook.

**BOOM HEIGHT:** (1) The Boom shall be a fixed position boom with an overall height of 77" & 85" from top of bumper.

**BOOM LENGTH:** (2) The Boom shall have a fixed length of 45".

**ROTATION:** The Crane shall have a 360-degree continuous manual rotation on machined surfaces, with two needle bearings and one thrust bearing that are environmentally sealed.

**HOIST:** The Hoist Motor shall be 12 volt D.C. powered, with a dual internal breaking system. Hoist shall have power up and power down.

**CABLE:** (6) The Cable shall be 35' x 7/32" in diameter galvanized aircraft quality cable, with a single line breaking strength of 5600 lbs., and a safety hook.

**CONTROL:** A Hand Held Pendant Control, 10 feet in length, shall be furnished for controlling the hoisting function and shall be 12 volt D.C. powered. Pendant Control shall be weather resistant, with a solid rubber grip.

**POWER SOURCE:** The Power Source shall be the vehicles own 12-volt D.C. battery.

**OUTRIGGER:** The Crane shall have a permanently attached swing down adjustable outrigger, to increase stability and reduce the loading to the vehicle's suspension.

**HITCH:** The Bumper shall have a factory installed Class 4 Receiver type hitch. This Hitch is rated at 10,000 lbs. of drawbar pull and 1,200 lbs. vertical Hitch load. \*\*\* (Vehicle's rated towing capacity may be less)

**MOUNTING:** The Crane shall be provided with all necessary wiring, brackets, fasteners, and hardware, for bolt on mounting to the vehicle's frame.

**WIRING:** The Crane shall be pre-wired from the factory and tested. The Cranes entire electrical system shall be circuit breaker protected.

**SAFETY:** The Crane shall be designed and manufactured according to the applicable ANST standards for mobile cranes. The Crane shall be clearly marked with Maximum Load & Warning Decals.

**MAN-LIFT:** The Crane shall be OSHA & ANSI compliant as a Man-Lift for Confined Space Activities when equipped with the optional WO-CSR Confined Space Rescue & Recovery System.

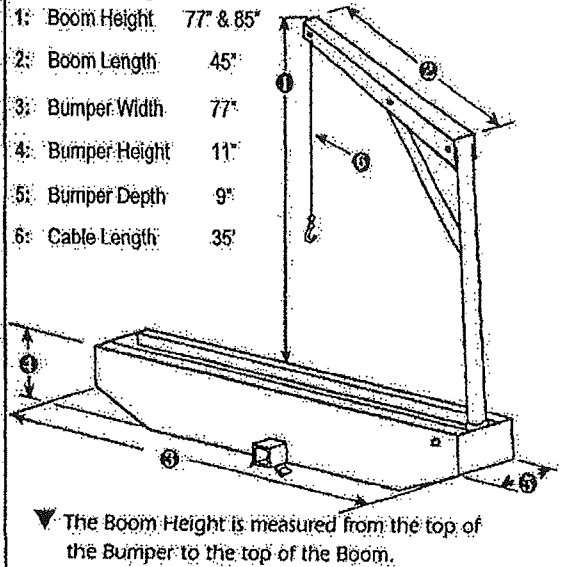
**CONSTRUCTION:** The Bumper shall be of 2" X 5" tubular steel construction. The Mast shall be seamless DOM tubing with strong back. The Boom shall be formed from 1 piece of 3/16" ASTM A572 Grade 50 High Tensile Steel. All Sheaves shall be steel with sealed roller bearings. All Sheave Pins shall be made from plated stress proof steel.

**DOCUMENTATION:** The Crane shall be furnished with detailed Installation Instructions, Operation and Safety Instructions, Parts List, and Maintenance Instructions.

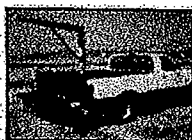
**FINISH COATING:** The Crane shall be finished with a durable Powder Coating, semi-gloss black.

**WARRANTY:** Manufacturer shall warrant the materials and workmanship for a period of one year from the date of delivery (excluding cable).

- 1: Boom Height 77" & 85"
- 2: Boom Length 45"
- 3: Bumper Width 77"
- 4: Bumper Height 11"
- 5: Bumper Depth 9"
- 6: Cable Length 35'



**NOTE: OPTIONS AND ACCESSORIES ARE AVAILABLE FOR THIS MODEL**  
See "Options & Accessories Specifications" for details.



1510 Merced St. Fresno, CA USA | Ph: (800)288-6853, (559)266-6977 | Fax: (559)266-7437 | www.westernmule.com

R71

**SPECIFICATION SHEET**

**TYPE:** The Crane shall be a fold a way bumper mounted type, 77" wide (3) for mounting to standard Full-Size Pickups.

**CAPACITY:** The Crane shall have a designated lifting capacity of 1500 lbs. single line and 2500 lbs. double line using a traveling block with safety hook.

**BOOM HEIGHT:** (1) The Boom shall be a fixed position boom with an overall height of 77" & 85" from top of bumper.

**BOOM LENGTH:** (2) The Boom shall have a fixed length of 45".

**ROTATION:** The Crane shall have a 360-degree continuous manual rotation on machined surfaces, with two needle bearings and one thrust bearing that are environmentally sealed.

**HOIST:** The Hoist Motor shall be 12 volt D.C. powered, with a dual internal breaking system. Hoist shall have power up and power down.

**CABLE:** (6) The Cable shall be 35' x 7/32" in diameter galvanized aircraft quality cable, with a single line breaking strength of 5600 lbs., and a safety hook.

**CONTROL:** A Hand Held Pendant Control, 10 feet in length, shall be furnished for controlling the hoisting function and shall be 12 volt D.C. powered. Pendant Control shall be weather resistant, with a solid rubber grip.

**POWER SOURCE:** The Power Source shall be the vehicles own 12-volt D.C. battery.

**OUTRIGGER:** The Crane shall have a permanently attached swing down adjustable outrigger, to increase stability and reduce the loading to the vehicle's suspension.

**HITCH:** The Bumper shall have a factory installed Class 4 Receiver type hitch. This Hitch is rated at 10,000 lbs. of drawbar pull and 1,200 lbs. vertical Hitch load. \*\*\**(Vehicle's rated towing capacity may be less)*

**MOUNTING:** The Crane shall be provided with all necessary wiring, brackets, fasteners, and hardware, for bolt on mounting to the vehicle's frame.

**WIRING:** The Crane shall be pre-wired from the factory and tested. The Cranes entire electrical system shall be circuit breaker protected.

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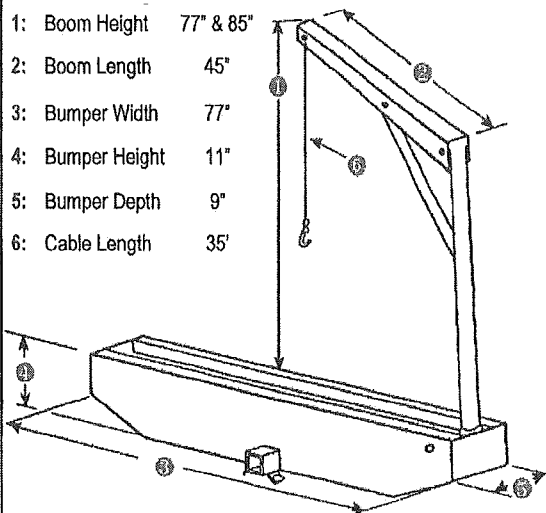
**CONSTRUCTION:** The Bumper shall be of 2" X 5" tubular steel construction. The Mast shall be seamless DOM tubing with strong back. The Boom shall be formed from 1 piece of 3/16" ASTM A572 Grade 50 High Tensile Steel. All Sheaves shall be steel with sealed roller bearings. All Sheave Pins shall be made from plated stress proof steel.

**DOCUMENTATION:** The Crane shall be furnished with detailed Installation Instructions, Operation and Safety Instructions, Parts List, and Maintenance Instructions.

**FINISH COATING:** The Crane shall be finished with a durable Powder Coating, semi-gloss black.

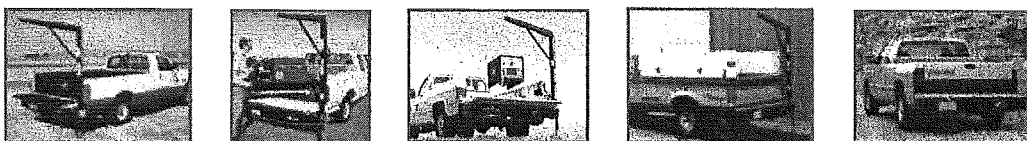
**WARRANTY:** Manufacturer shall warrant the materials and workmanship for a period of one year from the date of delivery (excluding cable).

- 1: Boom Height 77" & 85"
- 2: Boom Length 45"
- 3: Bumper Width 77"
- 4: Bumper Height 11"
- 5: Bumper Depth 9"
- 6: Cable Length 35'



▼ The Boom Height is measured from the top of the Bumper to the top of the Boom.

**NOTE: OPTIONS AND ACCESSORIES ARE AVAILABLE FOR THIS MODEL**  
See "Options & Accessories Specifications" for details.



# Metropolitan Truck Center Inc.

# Service Estimate 12432

Name Address	Town Of Scituate(Sewer)Dep 161 Driftway	Company Address 2		Created Time	09/13/18 7:51 AM	Year Make Model Lic #	2017 CHEVROLET K2500 HD
Home Work Fax	Scituate, MA 02066 781-545-8731(32)	V.I.N.# Eng/Trans		Promised Adviser Division PO#	Paul RE	Unit#	
				Page#	1 of 1	PH#	

Job Description	
<p><b>Supply and install a (Western Mule Fold Away Crane) on customers chassis.</b></p> <p><b>Model #A-2500-WO-16-WO-17</b></p> <p><u>This is a 2500 LB. fold away bumper crane. With Aluminum Diamond Plate Cover and lower bumper enclosure.</u></p> <p>Complete installed price will be. \$7,787.00</p>	

1074 Turnpike St. | Stoughton, MA 02072


781-344-8262 | Fax 781-344-6189 | [www.metropolitantruck.com](http://www.metropolitantruck.com)

Estimates are an approximation of charges to you, and they are based on the anticipated details of the work to be done. It is possible for unexpected complications to cause some deviation from the estimate. If additional parts or labor are required you will be contacted immediately.

Estimate Total	
Labor	\$0.00
Parts	\$0.00
Sublets	\$0.00
Subtotal	\$0.00
Tax	\$0.00
<b>Total</b>	<b>\$0.00</b>

# Shopping Cart

Product Details Price QTY Subtotal


 Confined Space Signs - Danger - Non-Permit  
 Confined Space  
 SKU:L0907BBHTEDRFA  
 Dimensions : 10" H x 14" W  
 Material : Aluminum  
 Reflective Type : Reflective  
 Laminated : Seton UltraTuff™ Overlamine

Each \$67.68  \$67.68

## Order summary

Subtotal \$5,345.36  
 Estimate Tax \$350.22  
 Freight Class Truckload \$169.95  
 Order Total \$5,865.53



 Custom Opti-Code™ Self-Adhesive Pipe  
 Markers - ANSI Colors  
 SKU:23818


Each \$3.40  \$68.00

BUY 26 FOR \$3.00 EACH AND SAVE 12%

Preview Design

 Portable Safety Zone  
 SKU:7262D

Each \$998.95  \$998.95

 SDS Right-To-Know Metal Cabinet  
 SKU:2313C

Each \$395.05  \$395.05

Includes : (2) 3 in 600-page Binders

 Premium Lockout Kit  
 SKU:64775


Set \$347.80  \$1,043.40

 Vestil Multi-Purpose Overhead Drum  
 Lifter/Wrench PDL-800-M  
 SKU:3844B

Each \$151.02  \$151.02

 Drum Lifter/Dispenser  
 SKU:16029D

Each \$504.31  \$504.31

 Space Saver State Labor Law Posters  
 SKU:89969

Set \$14.95  \$14.95

Language : English  
 State/Territory/Province : Massachusetts  
 Subscription : None

 Steel Rolling Warehouse Ladders  
 SKU:84012

Each \$1,308.20  \$1,308.20

Dimensions : 142" H x 24" W  
 Number of Steps/Rungs : 10

 Work Platform  
 SKU:87154

Each \$793.80  \$793.80

Dimensions : 70" H x 24" W  
 Platform Depth : 36 in  
 Number of Steps/Rungs : 4

LIVE CHAT





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-440-05	
Project Title:	Influent Grit Removal	
Category:	Repair & Maintenance	
Department:	Sewer	Contact: William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [x]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Design and build a new system to remove grit, fats, oils, and grease from the influent flows. Removing these materials early in the process will significantly reduce the wear and tear on equipment and parts through our the entire facility.

**Benefits of Project and Impact if Not Completed:**

The current grit removal system allows a tremendous amount of grit, rags, fats, oils, and grease to pass by it and enter the treatment system. These materials cause excessive wear and tear on all the equipment as it travels throughout the plant. Upgrading the grit removal system will reduce damage to pumps and allow equipment to be operated more efficiently.

**Discuss Operating Budget Impact:**

Short term the facility will be able to run it's pumps more effectively to handle surge flows without said surge flows clogging or breaking down equipment. Long term the department will enjoy substantially less costs in repairs for maintaining and replacing pumps that break down due to excessive grit in the system.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$50,000		\$50,000				<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$2,000,000		\$2,000,000				<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$2,050,000	\$0	\$2,050,000	\$0	\$0	\$0	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$2,050,000	\$0	\$2,050,000	\$0	\$0	\$0

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

## Preliminary Capital Budget Scituate Wastewater Department

**TO:** William Branton, Chief Operator  
**FROM:** Ian Mead, P.E.  
Ian Catlow, P.E.  
**COPY:** Mike Schrader, P.E.  
**DATE:** October 20, 2017

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Based on our recent discussions, Tighe & Bond understands that you are in the process of identifying capital projects to maintain the current level of service at the Town's wastewater treatment facility. We have summarized the five projects that we recently discussed with you along with their anticipated budgets below. Projects are not presented in any particular order of priority; however, it is important to note that many of the upgrade projects outlined below will be better defined through the Wastewater Facility Assessment described in the first project.

### Project 1: Wastewater Facility Assessment

Budget: \$65,000

#### Draft Scope of Work:

1. Screenings & Grit Removal - Identify problems with current screening and grit removal systems and recommend upgrades to address deficiencies.
2. Influent Pump Performance - Identify issues limiting pump capacity and recommend changes needed. In addition, assess pump vulnerability to emergency flooding conditions.
3. Structural and Architectural Systems - Assess the condition of the concrete structures at the facility and recommend repair and maintenance tasks to prevent wear and tear and reduce long term repair costs where needed. Assessments are likely to focus on older structures such as the aeration tanks, aerobic digesters, and the catwalks/walkways in these tanks.
4. Preventive Maintenance and Modernization - Identify and prioritize preventative maintenance items and equipment that can be modernized to reduce long term operations and maintenance costs.
5. Code Update - Identify code compliance issues associated with the classification of spaces, egress requirements, HVAC, life safety equipment, and electrical systems.

### Project 2: Screening & Grit Removal Upgrade

Budget: \$2,000,000

Draft Scope of Work: This project would include the replacement of the existing influent screen, the addition of a new screenings wash press to clean and transport screenings out of the existing screen room, and the replacement of existing flow control gates. Associated electrical and HVAC systems within the screening room would also be upgraded as part of the project. Grit removal upgrades were assumed to include replacement of aeration headers, piping, blowers and improved grit removal system.

### Project 3: Influent Pump Upgrade

Budget: \$1,600,000

Draft Scope of Work: This project would include the upgrade of the existing influent pumping system to address capacity issues and improve system resiliency. We have

assumed that all four existing influent pumps would be replaced along with their associated valves, fittings, electrical systems and influent flow metering systems.

**Project 4: Structural Concrete Repairs**

Budget: \$250,000

Draft Scope of Work: This project would include the repair of concrete tanks, foundations and other elements of the facility identified by the Wastewater Facility Assessment. For planning purposes, we have assumed that the majority of these repairs will be focused on aeration tank and aerobic digester tanks and catwalks/walkways. Additional work may include concrete crack repairs and leak sealing throughout the facility.

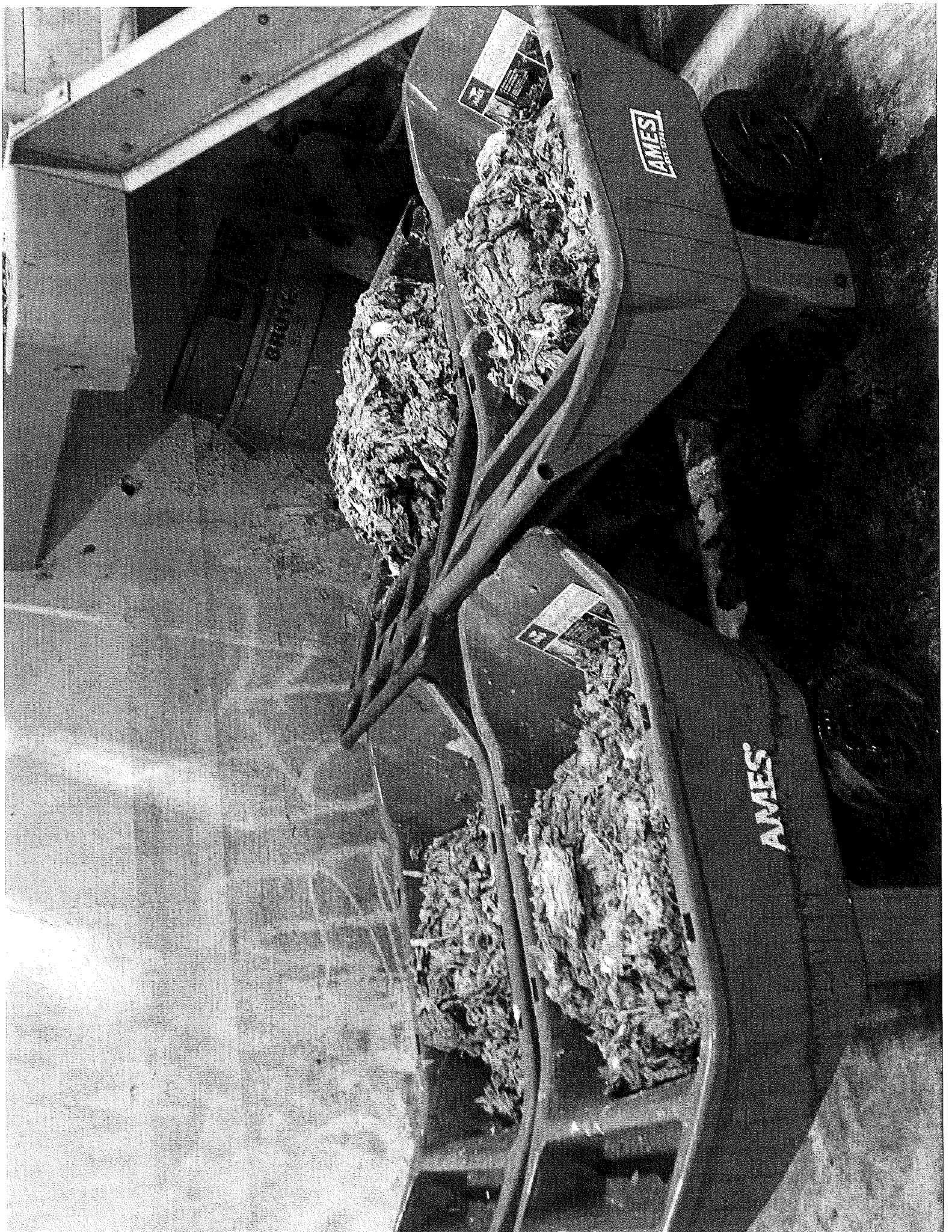
**Project 5: Vactor Tipping Pad Upgrade**

Budget: \$560,000

Draft Scope of Work: This project would include the design and construction of a new vactor tipping pad within a portion of the footprint of the effluent lined emergency storage lagoon. A pump station to return liquid discharged by the vactor to the head of the plant would also be included in the project with flexibility to aid in draining the emergency storage lagoon, as needed.

We ask that you review the outlines presented above and contact us to adjust project scopes and budgets as needed. Ian Mead can be reached at 508-471-9643 and Ian Catlow can be reached at 508-471-9605.

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**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2022-440-01	
Project Title:	Influent Pump Upgrade	
Category:	Repair & Maintenance	
Department:	Sewer	Contact: William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [x]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Upgrade existing influent pumping system to address capacity and issues and improve system resiliency.

**Benefits of Project and Impact if Not Completed:**

Currently the department is having difficulty keeping up with influent flows during high flow events. It will be necessary to upgrade the influent pumps to facilitate greater peak flows in order to prevent potential overflows in the collection system during high flow events.

**Discuss Operating Budget Impact:**

New modern pumps will operate with better efficiency. Upgrading the influent pumping system will allow the facility to handle more flows and allow for future expansion of the collection system leading to more revenue from future connections.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$30,000			\$30,000			<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$1,600,000			\$1,600,000			<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$1,630,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,630,000</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0						<b>CPA Purpose(s)</b> Check all that apply <input type="checkbox"/> Open Space <input type="checkbox"/> Recreation <input type="checkbox"/> Historical <input type="checkbox"/> Housing
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$1,630,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,630,000</b>	<b>\$0</b>	<b>\$0</b>	

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



## Preliminary Capital Budget Scituate Wastewater Department

**To:** William Branton, Chief Operator  
**FROM:** Ian Mead, P.E.  
Ian Catlow, P.E.  
**COPY:** Mike Schrader, P.E.  
**DATE:** October 20, 2017

---

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### Project 1: Wastewater Facility Assessment

Budget: \$65,000

#### Draft Scope of Work:

1. Screenings & Grit Removal - Identify problems with current screening and grit removal systems and recommend upgrades to address deficiencies.
2. Influent Pump Performance - Identify issues limiting pump capacity and recommend changes needed. In addition, assess pump vulnerability to emergency flooding conditions.
3. Structural and Architectural Systems - Assess the condition of the concrete structures at the facility and recommend repair and maintenance tasks to prevent wear and tear and reduce long term repair costs where needed. Assessments are likely to focus on older structures such as the aeration tanks, aerobic digesters, and the catwalks/walkways in these tanks.
4. Preventive Maintenance and Modernization - Identify and prioritize preventative maintenance items and equipment that can be modernized to reduce long term operations and maintenance costs.
5. Code Update - Identify code compliance issues associated with the classification of spaces, egress requirements, HVAC, life safety equipment, and electrical systems.

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Budget: \$2,000,000

Draft Scope of Work: This project would include the replacement of the existing influent screen, the addition of a new screenings wash press to clean and transport screenings out of the existing screen room, and the replacement of existing flow control gates. Associated electrical and HVAC systems within the screening room would also be upgraded as part of the project. Grit removal upgrades were assumed to include replacement of aeration headers, piping, blowers and improved grit removal system.

### Project 3: Influent Pump Upgrade

Budget: \$1,600,000

Draft Scope of Work: This project would include the upgrade of the existing influent pumping system to address capacity issues and improve system resiliency. We have

assumed that all four existing influent pumps would be replaced along with their associated valves, fittings, electrical systems and influent flow metering systems.

**Project 4: Structural Concrete Repairs**

**Budget: \$250,000**

**Draft Scope of Work:** This project would include the repair of concrete tanks, foundations and other elements of the facility identified by the Wastewater Facility Assessment. For planning purposes, we have assumed that the majority of these repairs will be focused on aeration tank and aerobic digester tanks and catwalks/walkways. Additional work may include concrete crack repairs and leak sealing throughout the facility.

**Project 5: Vector Tipping Pad Upgrade**

**Budget: \$560,000**

**Draft Scope of Work:** This project would include the design and construction of a new vector tipping pad within a portion of the footprint of the effluent lined emergency storage lagoon. A pump station to return liquid discharged by the vector to the head of the plant would also be included in the project with flexibility to aid in draining the emergency storage lagoon, as needed.

We ask that you review the outlines presented above and contact us to adjust project scopes and budgets as needed. Ian Mead can be reached at 508-471-9643 and Ian Catlow can be reached at 508-471-9605.

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**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2022-440-02
Project Title: Laboratory Rehabilitation	
Category: Equipment	
Department: Sewer	Contact: William Branton

Department Priority:	
<input type="checkbox"/>	Urgent/Legally Required
<input checked="" type="checkbox"/>	Maintain Service
<input checked="" type="checkbox"/>	Enhancement

Project is:	New [X]	Recurring [ ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

**Description:**  
 Replace aging equipment in lab such as: lab rated refrigerators, incubators, vacuum pump, muffle furnace, scientific scales, hood exhaust system, water still, HVAC system, furnish and install new windows.

**Benefits of Project and Impact if Not Completed:**  
 Allow department to keep up with increasing lab standards and new testing that may be required with new permit. Lab equipment has high standards for accuracy that need to be achieved to meet permit requirements.

**Discuss Operating Budget Impact:**  
 Allow division to continue to use its lab for in house testing and avoid additional use and higher costs of lab send out services.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$96,300			\$96,300		
Contingency	\$3,700			\$3,700		
Other	\$0					
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)	
Check all that apply	
<input type="checkbox"/>	Tax Levy
<input checked="" type="checkbox"/>	Debt
<input checked="" type="checkbox"/>	Enterprise Retained Earnings
<input type="checkbox"/>	Capital Stabilization
<input type="checkbox"/>	Free Cash
<input type="checkbox"/>	Revolving Fund
<input type="checkbox"/>	CPA
<input checked="" type="checkbox"/>	Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$100,000	\$0	\$0	\$100,000	\$0	\$0

CPA Purpose(s)	
Check all that apply	
<input type="checkbox"/>	Open Space
<input type="checkbox"/>	Recreation
<input type="checkbox"/>	Historical
<input type="checkbox"/>	Housing

<b>Operating Budget Impact</b>						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

### **WWTP Lab Rehab Items and Estimates:**

- New refrigeration unit: \$10,000
- Replace exhaust fans: \$15,000
- New vacuum pump: \$8,000
- New windows: \$12,000
- New HVAC system: \$16,000
- New incubators: \$5,000
- New scales: \$1,500
- New muffle furnace: \$1,800
- New Still: \$3,000
- New table top instrumentation: \$6,000
- New heating oven: \$8,000
- Misc. benches, tables, glassware, etc.: \$10,000

**Total: \$96,300**



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2022-440-03		
Project Title:	Septage Grit Removal		
Category:			
Department:	Sewer	Contact:	William Branton
Project is:	New [ ]	Recurring [ ]	Resubmission [ x ]
	Multiyear [ ]	Phase ___ of ___	

<b>Department Priority:</b>	
<input type="checkbox"/>	Urgent/Legally Required
<input checked="" type="checkbox"/>	Maintain Service
<input checked="" type="checkbox"/>	Enhancement

**Description:**

Install a unit designed for screening grit, fats, oils, grease, rocks, and other debris and removing them from the septage waste stream.

**Benefits of Project and Impact if Not Completed:**

Install a unit designed for screening grit, fats, oils, grease, rocks, and other debris and removing them from the septage waste stream.

**Discuss Operating Budget Impact:**

This unit will remove debris, grit, FOG, rocks, etc. prior to it entering the tanks, eliminating the need for annual cleaning and disposal of the septage tanks and preserving the lifespan of the septage pumps, air lines, and tanks. This unit will also allow for septage to be offloaded at the treatment plant in a more streamlined fashion which will increase the department's ability to generate more revenue from septage disposal credits.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$10,000			\$10,000			<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$20,000			\$20,000			<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$200,000			\$200,000			<input type="checkbox"/> Capital Stabilization
Contingency	\$23,000			\$23,000			<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$253,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$253,000</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$253,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$253,000</b>	<b>\$0</b>	<b>\$0</b>

<b>CPA Purpose(s)</b> Check all that apply	
<input type="checkbox"/>	Open Space
<input type="checkbox"/>	Recreation
<input type="checkbox"/>	Historical
<input type="checkbox"/>	Housing

**Operating Budget Impact**

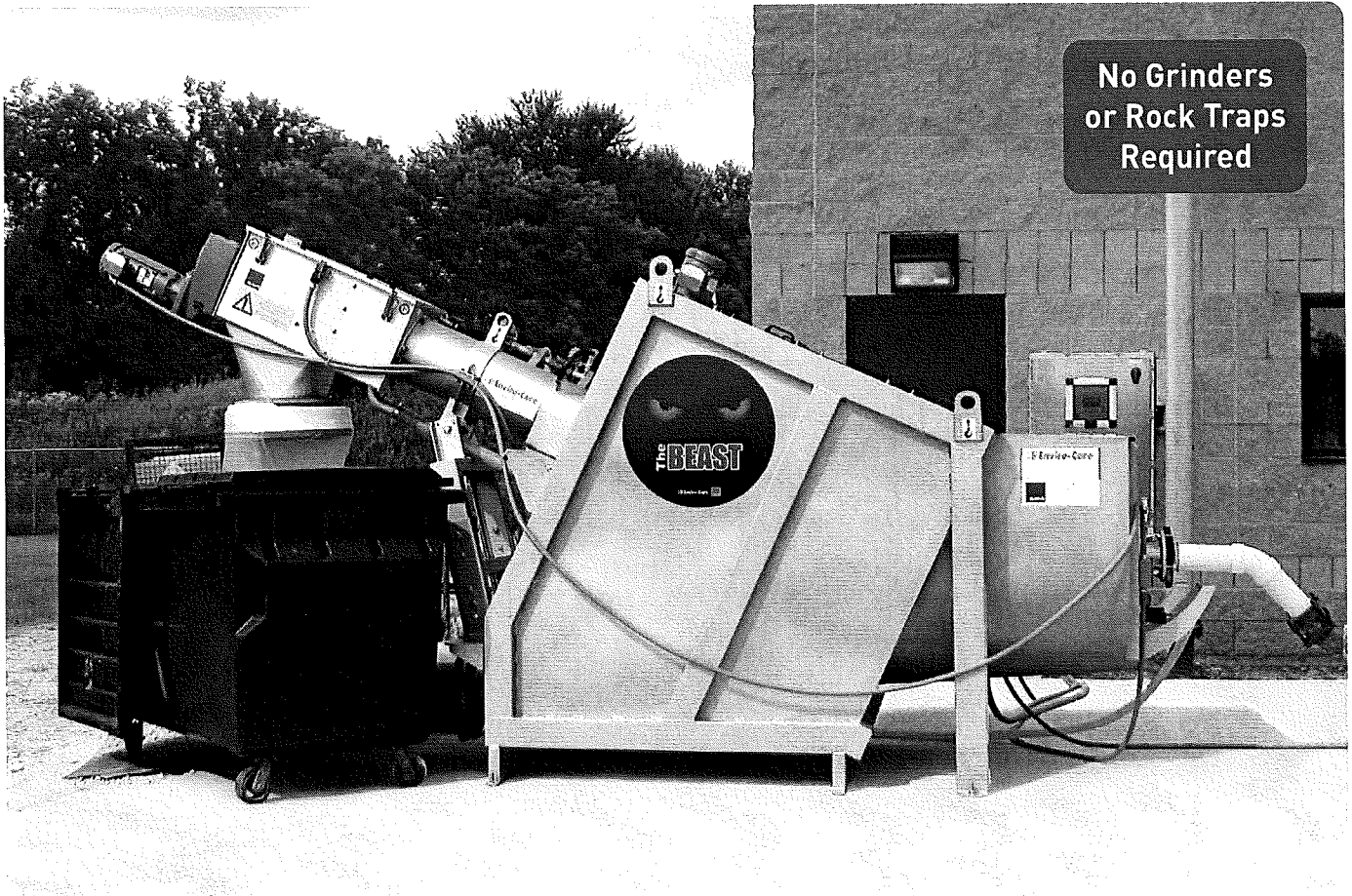
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

# Flo-Beast

For Septage, FOG & Sludge Screening  
VFA-DM

SAVI

No Grinders  
or Rock Traps  
Required

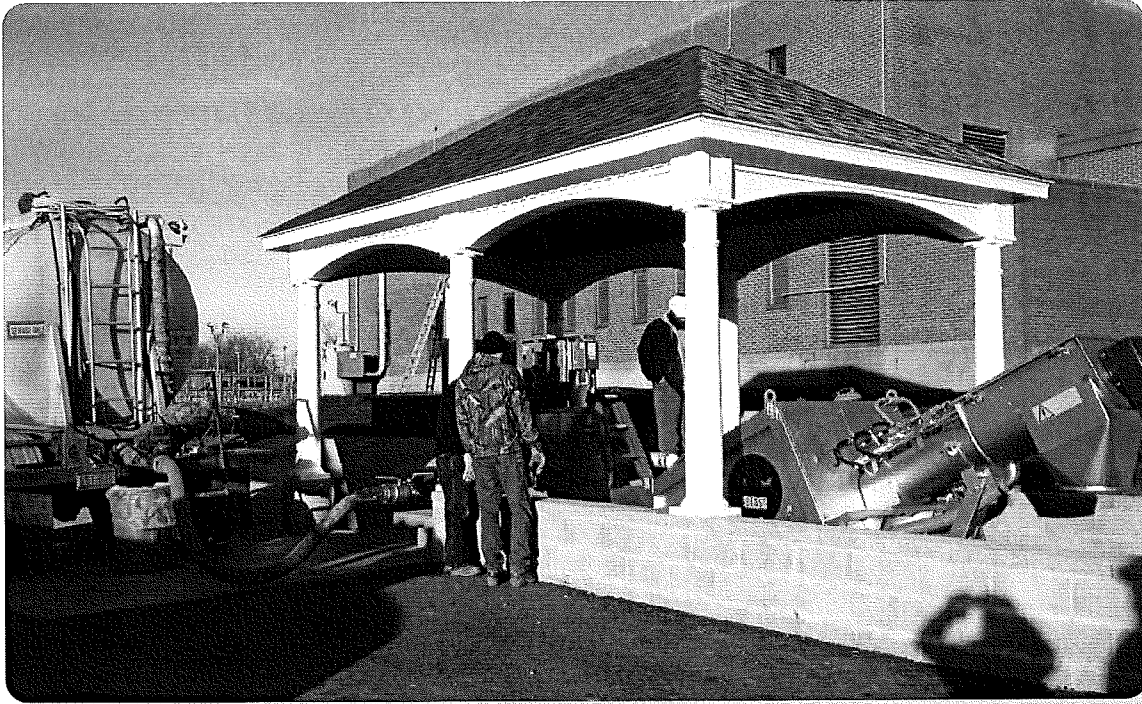


Patent Pending

# The BEAST

**SAVI Flo-Beast VFA-DM** **THE BEAST**  
For Septage, FOG & Sludge Screening

## The Next Generation of Septage, FOG & Sludge Screening



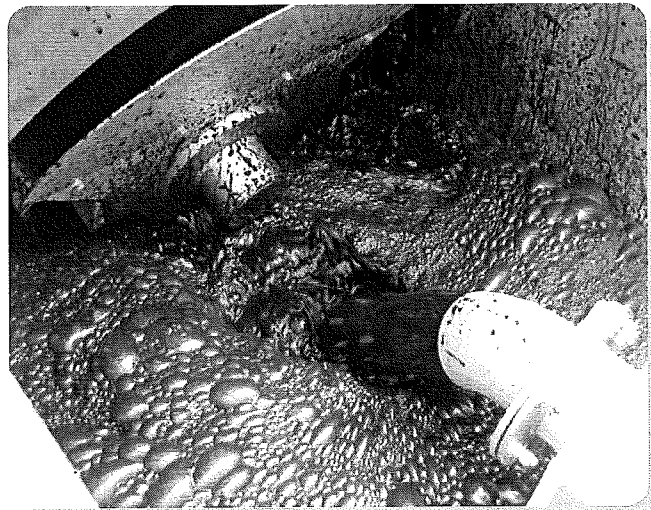
Screening septage or heavy sludge comes with a long list of problems. The two most commonly identified are the inability to handle the heavy solids, and long truck unloading times. These are the result of not having the proper equipment for the application. The Beast has been engineered specifically for septage and heavy solids loading applications.

**Unique Tank Design.** Standard tank designs promote solids sedimentation. The Beast has a two-stage tank with a curved, sloped inlet section so septage is directed into the screen cylinder. The hopper trough extends beyond the cylinder opening which reduces screenings recycle. The drive configuration on the screen cylinder eliminates support arms and solves the ragging problem.

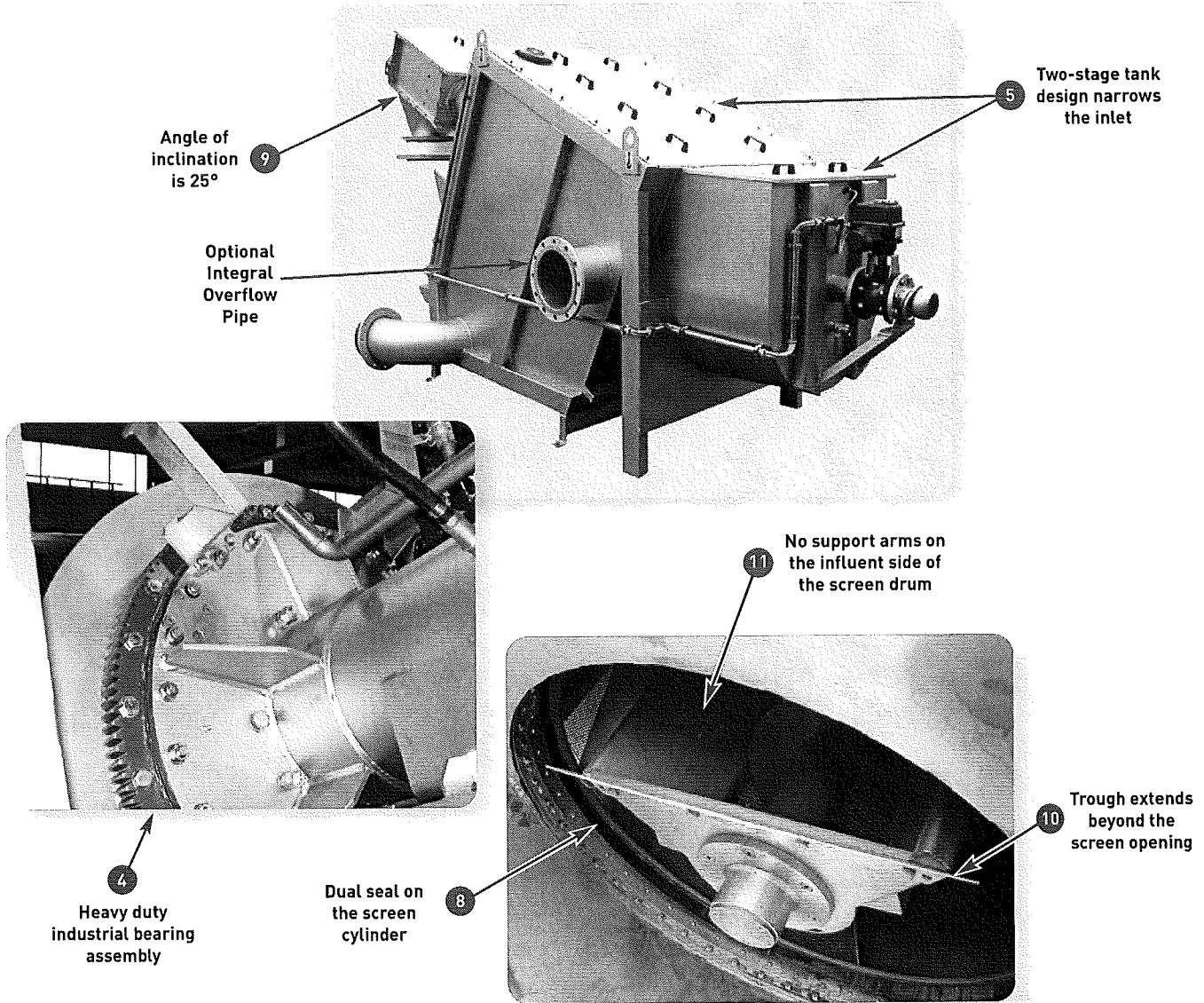
**Dual Drive System.** This feature enables the screen basket and auger to operate independently. The speed of the auger is increased to provide faster solids removal while the speed of the screen basket is decreased to improve screening efficiency.

**Angle of Inclination.** The drum screen component sits at a 25° angle inside the tank which promotes increased capture and transport of solids for faster unloading.

**Sequence of Operation.** As septage enters the tank, the short, narrow inlet directs the septage into the rotating screen drum. As the screen rotates, solids are captured on flights or scoops that carry the solids around the drum and deposit them into the auger trough.

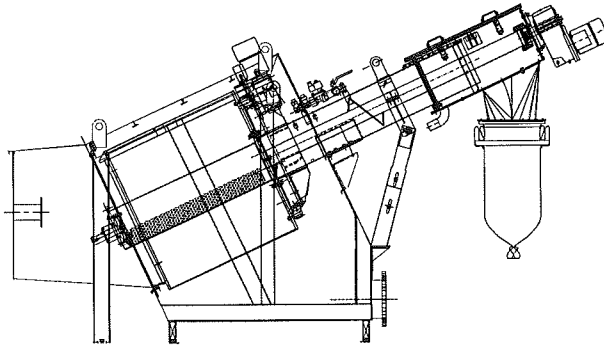
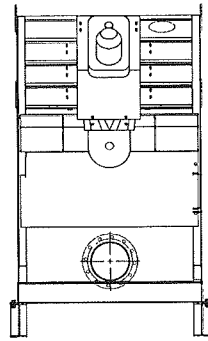


From the trough, solids are conveyed by the auger into the washing zone and then to dewatering. The percent of dryness achieved is dependent upon the solids concentration at the influent and the type of solids being dewatered.



## Features & Benefits

- 1 **Engineered for large septage screening applications and high solids loadings** - Each feature solves a specific problem associated with these applications.
- 2 **Proven Flo-Drum technology** - Over 200 installations worldwide.
- 3 **Dual drive system** - Drum and auger are driven independently to optimize solids removal.
- 4 **Screen is mounted using a large diameter, single row, heavy duty industrial bearing assembly with a built in grease fitting** - Better resistance to axial and radial loading with fewer maintenance points.
- 5 **Two-stage tank design narrows the inlet** - Solids are fed directly into the screen basket which prevents sedimentation.
- 6 **The auger is run at a faster speed** - Removes material more quickly.
- 7 **The screen cylinder is run at a slower speed** - Produces better solids capture and cleaning of the screen.
- 8 **Dual seal on the screen cylinder** - Prevents bypass and improves capture rate to 65%.
- 9 **Angle of inclination is 25°** - Screen handles more solids and removes them faster.
- 10 **Trough extends beyond the screen opening** - Reduces screenings recycle by preventing solids from dropping out of the front of the screen basket.
- 11 **No support arms on the influent side of the screen drum** - Nothing to snag and accumulate long stringy solids.
- 12 **Eliminates brushes inside the screen basket** - Less extrusion and manipulation of the screenings for better capture and less maintenance.
- 13 **Additional monitoring options and security access may be added** - Controls can be as basic or as sophisticated as required.
- 14 **Optional bagger is available** - Maintains a cleaner screenings area.

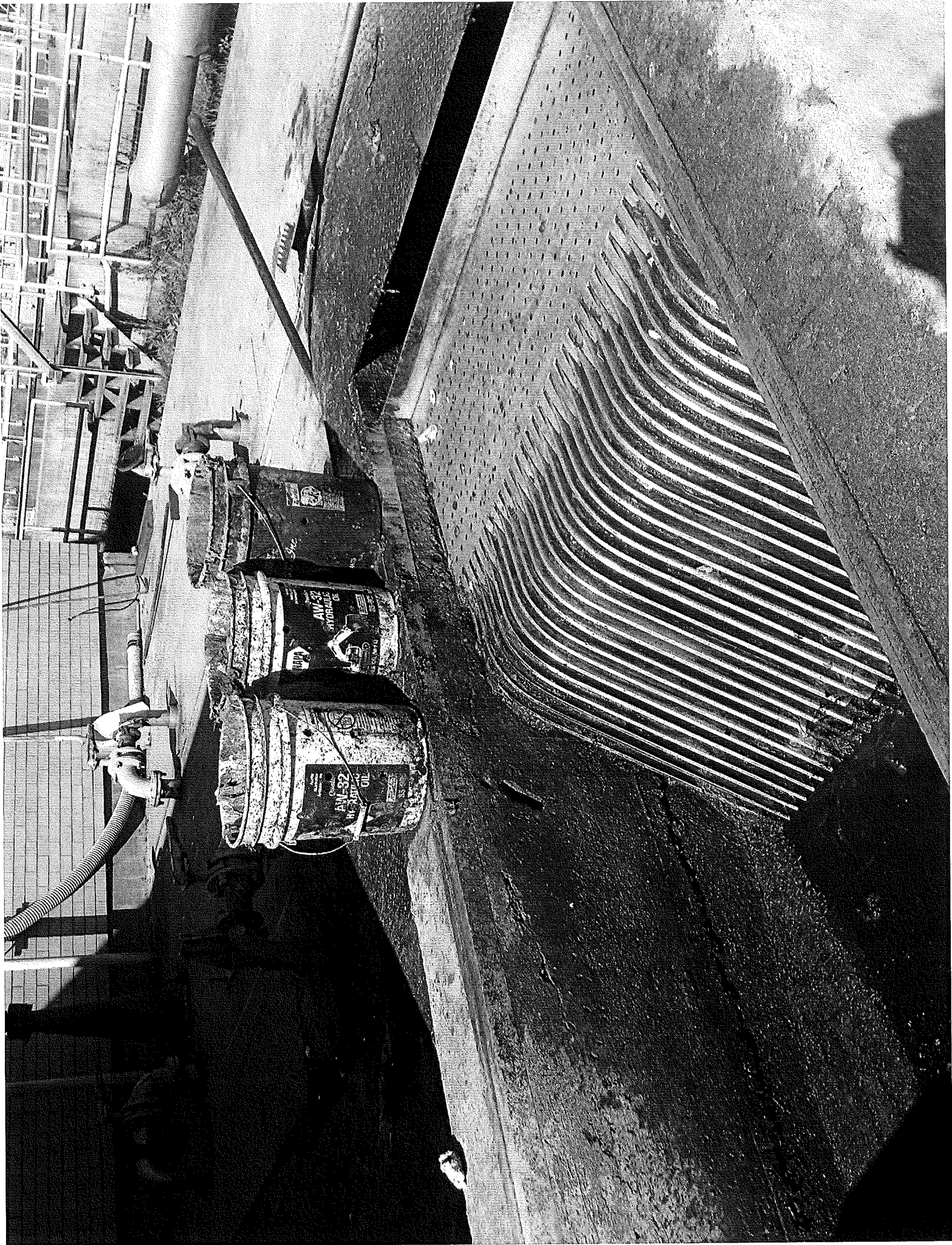


## Specifications

<b>Drum Screen OD</b>	mm	1000	1200	1400
<b>Capacity</b> (based on 3-4% solids content)	gpm	525	650	875
<b>Screen media</b>		Perforated plate		
<b>Openings</b>	mm	6		
<b>Angle of inclination</b>		25°		
<b>Wash water pressure</b>	bar	5 - 8		
<b>Drive motor - Drum Screen</b>	Hp	2	2	2
<b>Drive motor - Shafted Screw</b>	Hp	2	2	2
<b>Controls</b>		NEMA 4X or NEMA 7		
<b>Voltage</b>	V/P/H	240-480/3/60		

## Materials of Construction

<b>Screen media</b>	AISI 304 SS (316 Optional)
<b>Transport tube</b>	AISI 304 SS (316 Optional)
<b>Shafted screw</b>	High Strength Alloy Steel (304/316 SS Optional)
<b>Tank, piping, supports, end plates</b>	AISI 304 SS (316 Optional)
<b>Fasteners</b>	AISI 304 SS (316 Optional)







**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2023-440-01		
Project Title:	Add to Collection System for Phased expansion		
Category:	Construction		
Department:	Sewer	Contact:	William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [x]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Sewer expansion project to tie North Scituate into the collection system.

**Benefits of Project and Impact if Not Completed:**

Sewer expansion project to tie North Scituate into the collection system.

**Discuss Operating Budget Impact:**

This would be a large project, the result of which would generate revenue for upgrades to the Sewer System.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$50,000				\$50,000		<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$11,950,000				\$11,950,000		<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$12,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,000,000</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$12,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,000,000</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

- 5.1 MILES OF MAIN @ \$200 PER FT. = \$ 5,385,600
- 500 LATERAL STUBS @ \$200 PER FT. = \$ 100,000
- PUMP STATION = \$ 650,000
- INSPECTION OF 3,800' OF SEWER MAIN UNDER  $\text{\textcircled{1}}$  (CAMERA & VACUUM) = \$ 1200
- TOTAL COST = \$ 6,136,800

**Chain Pond Wastewater Pump Station**  
**Construction Estimate**  
**January 2015**

Item #	Description	Estimated Quantity	Unit Price (\$)	Cost
1	Package Pump Station Complete delivered to site	1 ea	\$155,500	\$155,500
2	Contractor mark up (50%)	1s	\$77,750	\$77,750
3	Temp sheeting & bracing	42 tons	\$1,100	\$46,200
4	Excavation	300 cy	\$40	\$12,000
5	Dewatering	1 ls	\$30,000	\$30,000
6	Install station components Connect to exist gravity sewer & forcemain	1 ls	\$45,000	\$45,000
7	Construct new electrical/ control connections	1 ls	\$15,000	\$15,000
8	Handling existing flow (Temporary Bypass)	1 ls	\$15,000	\$15,000
9	10" Sewer >12 ft deep	110 ft	\$100	\$11,000
10	4' Sewer Manhole	12 vert ft	\$175	\$2,100
11	6 ft Chain Link Fence	240 ft	\$40	\$9,600
12	Demolition -Remove & dispose CLF and exist pavement, abandon exist fiberglass station substructure, remove exist equipment, abandon wetwell, valve pit & CLF	1 ls	\$25,000	\$25,000
13	Bituminous concrete pavement	60 tons	\$120	\$7,200
14	Rehabilitate existing building per Weston & Sampson estimate March 2010	1 ls	\$92,025	\$92,095
			Subtotal:	\$543,445
16	Engineering Design & Const Services			\$50,000
17	Contingency @5%			\$29,672.25
	<b>TOTAL ESTIMATED COST</b>			<b>\$623,117.25</b>

Five Centennial Drive  
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www.westonandsampson.com

engineering, energy,  
planning, permitting,  
design, construction,  
operation, maintenance

**Weston&Sampson**

*Scituate, Massachusetts*  
**76213.062**

March 11, 2015

Mr. Kevin Cafferty  
Acting DPW Director  
Town of Scituate  
600 Chief Justice Cushing Way  
Scituate, MA 02066

**Re: Wastewater Collection System Phasing Update**

Dear Mr. Cafferty:

Following up on our recent discussion, Weston & Sampson Engineers, Inc. proposes to provide wastewater planning services in accordance with your request to re-evaluate the proposed phasing of the remaining areas of the Sewer Expansion Program (Phases 4 through 6) and establish a recommended course of action to complete the Program and meet the established wastewater needs and regulatory requirements facing the Town of Scituate.

**PROJECT BACKGROUND**

The town of Scituate has been evaluating wastewater management needs and options since the 1950's. In 1977 the Scituate Sewer Study Committee issued a report that established 40 study districts within the community, based on proposed sewer lines and pumping station locations, and evaluated each district. The committee identified nine districts as priority districts. Since all of these nine districts could not be sewerred without expanding the treatment plant, the report developed short-range planning recommendations for sewerred within the limits of the plant capacity. Subsequent reports prepared in 1977 and 1978 evaluated the districts and identified five districts as high priority areas in need of sewerred.

In 1995, the Final Facilities Plan and Environmental Impact Report (EIR) for Wastewater Management and the Supplemental Final Environmental Impact Report (SFEIR) evaluated each study district. In May 1996, the Secretary of Environmental Affairs determined that the SFEIR was in full compliance with the Massachusetts Environmental Policy Act (MEPA). In 1996, the Town prepared a Growth and Connection Control Plan to assure that the capacity of the wastewater treatment plant was not exceeded. In January 2000, the town of Scituate commenced work on a 12-phase Rehabilitation Program intended to reduce infiltration and inflow (I/I) in the existing sewer system.

Most recently, in March 2001, the Town completed a Sewer Expansion Study that evaluated and ranked each sewer district based on lot size, soil suitability and groundwater evaluation. This study indicated that thirteen districts were in need of sewerred and grouped them into six general areas or phases, as follows:

- Phase I - Greenbush/Reservoir (Districts 23 and 28)
- Phase II - The Cliffs (Districts 30, 31, 32 and 33)
- Phase III - Musquashcut Pond (District 1A)
- Phase IV - Front Street (District 24 and 25)

Massachusetts Connecticut New Hampshire Vermont New York Pennsylvania New Jersey South Carolina Florida

*When it's essential...it's Weston&Sampson.®*

- Phase V - North Scituate (Districts 3, 6 and 10)
- Phase VI - Minot (District 1)

## **SCOPE OF SERVICES**

The proposed scope of services with regard to re-evaluation of the current sewer phasing plan is separated into the following general tasks:

Task 1 – Kick-off Meeting

Task 2 – Review & Summarize Previous Planning Efforts

Task 3 – Provide Updated Mapping of Collection System

Task 4 – Update Wastewater Treatment Facility Flows & Establish Future Flow Requirements

Task 5 – Establish Massachusetts Environmental Policy Act (MEPA) Requirements

Task 6 – Update Needs Analysis & Recommended Phasing for Remaining Areas

Task 7 – Project Summary Report

### Task 1: Kick-off Meeting

The first task will be to conduct a "kick-off" meeting involving all of the individuals with the Town of Scituate that will have involvement in, or input to, the project. Efficient coordination with multiple entities will be a key element of the study effort. This kick-off meeting will provide an opportunity to 1) establish the primary lines of communication with the Town of Scituate; 2) establish goals and expectations for the project; and 3) compile all available data and plans relevant to the project.

### Task 2: Review & Summarize Previous Planning Efforts

Review and summarize collection system planning studies performed to date, including but not limited to documents detailed above in the Project Background.

### Task 3: Provide Updated Mapping of Collection System

The Town of Scituate Wastewater Collection System Expansion Project figure, prepared by Weston & Sampson Engineers and dated November 2013, shall be reviewed and updated to show the most up to date collection system installed within the town, including the MBTA Greenbush Line sewers.

### Task 4: Update Wastewater Treatment Facility Flows & Establish Future Flow Requirements

Determine the current wastewater flows at the Wastewater Treatment Facility (WWTF), including an update on recent Infiltration/Inflow (I/I) removal efforts. Flow requirements for the remaining phases in need of sewers shall also be established as part of this task.

### Task 5: Establish Massachusetts Environmental Policy Act (MEPA) Requirements

Determine the effort that will be required to bring remaining phases in need of sewers into full compliance with the Massachusetts Environmental Policy Act (MEPA) Office, where applicable. This task will also involve determining the role of the Department of Environmental Protection (DEP) in the MEPA approval process.

### Task 6: Update Needs Analysis & Recommended Phasing for Remaining Areas

Assess and update evaluation criteria that may have changed since previous studies were completed, such as recently installed sewers and septic system failures and/or pumpings. Upon review of the updated evaluation criteria, provide an updated recommendation for sewerage of the remaining phases/areas previously identified.

### Task 7: Project Summary Report

Prepare a Project Summary Report, which will document all information compiled during the study effort,

Mr. Kevin Cafferty  
3/11/2015  
Page 3

providing technical viability and cost effectiveness of the various options investigated, including recommendations.

### **RESPONSIBILITIES OF THE OWNER**

The OWNER will assist the ENGINEER by placing at the disposal of the ENGINEER, all available information pertinent to the project including previous reports and any other data relative to the project.

### **SCHEDULE OF WORK**

We will commence work on this project within ten (10) days of receipt of an executed Agreement and notice to proceed.

The following project milestones are anticipated:

Executed Agreement/Notice to Proceed	<b>April 3, 2015</b>
Kick-Off Meeting	<b>April 9, 2015</b>
Deliver Draft Project Summary Report	<b>June 5, 2015</b>
Deliver Final Project Summary Report	<b>June 25, 2015</b>

### **TERMS OF PAYMENT**

The OWNER agrees to pay the ENGINEER the lump sum fee of \$23,000 for the Scope of Services described herein.

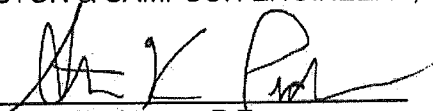
Fees shall be billed monthly as they accrue based upon the services performed as a percent of the total lump sum fee. The OWNER agrees to make payment to the ENGINEER within thirty (30) days of the invoice date.

The ENGINEER'S services will be provided as described herein and in accordance with the attached Terms and Conditions, which are part of our Agreement with you. If you agree with this proposal and wish to retain us to provide the proposed services, please sign and return one copy of this proposal to us as authorization to proceed with performance of the services, and please initial and date the enclosed Terms and Conditions.

We are pleased to submit this offering and look forward to working with you on this project. If you have any questions on this matter, please contact me.

Very truly yours,

WESTON & SAMPSON ENGINEERS, INC.

  
\_\_\_\_\_  
Steven K. Pedersen, P.E.  
Senior Associate



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2023-440-02
Project Title: Replace WWTP Generator	
Category: Equipment	
Department: Sewer	Contact: William Branton

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring [ ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace diesel generator at WWTP. Current generator is reaching its end of useful life.

**Benefits of Project and Impact if Not Completed:**

A new generator would be significantly more efficient and would use less fuel and pollute less.

**Discuss Operating Budget Impact:**

By replacing with a generator with better standards the division could participate in various energy programs to seek grant funding for the generator, or seek participation in a brown out energy rebate program.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					FY2024	Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023			
Study/Design	\$30,000				\$30,000		<input checked="" type="checkbox"/> Tax Levy	
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt	
Construction	\$50,000				\$50,000		<input checked="" type="checkbox"/> Enterprise Retained Earnings	
Equipment/Furnishings	\$300,000				\$300,000		<input checked="" type="checkbox"/> Capital Stabilization	
Contingency	\$0						<input type="checkbox"/> Free Cash	
Other	\$0						<input type="checkbox"/> Revolving Fund	
<b>TOTAL</b>	<b>\$380,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$380,000</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA	
							<input checked="" type="checkbox"/> Grant(s) or Other	

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$380,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$380,000</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2024-440-01		
Project Title:	I & I Chain Pond Area 2024		
Category:			
Department:	Sewer	Contact:	William Branton
Project is:	New [ ]	Recurring [ ]	Resubmission [x]
	Multiyear [ ]	Phase ___ of ___	

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Description:

To provide financing for various projects to reduce inflow and infiltration in the collection system. It is a legal requirement that our department makes a continued effort and commitment to reduce I/I. The amount requested for FY 24 will be to replace and repair sections of the collection system identified in area 6-1

Benefits of Project and Impact if Not Completed:

Preserve and extend the life of our collection system, reduce operational costs to the pump stations and main facility, and allows for additional homes to be connected to sewer by preserving our outfall permitted flows limit. If I/I projects are not completed the capacity at the treatment plant will be limited by inflow and infiltration flows.

Discuss Operating Budget Impact:

Reducing Inflow and infiltration will allow the department to waste less energy pumping and treating water that does not belong in the collection system. It will also allow for increased capacity at the facilities which will lead to more properties being able to connect to the sewer system and support our budget through connection fees and quarterly service credits.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$55,000					\$55,000
Land Acquisition	\$0					
Construction	\$4,145,000					\$4,145,000
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$4,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,200,000</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$4,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,200,000</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					





TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2024-440-02		
Project Title:	Replace UV system		
Category:	Equipment		
Department:	Sewer	Contact:	William Branton
Project is:	New [X]	Recurring [ ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Description:

Replace existing Trojan 4000 UV system with a new system. Current system does not offer sufficient redundancy and may not be able to maintain treatment levels if permit conditions change. Current unit is the original UV system and is reaching the end of it's useful life.

Benefits of Project and Impact if Not Completed:

New system could be designed to have redundancy for disinfection and would use current technology making it more energy efficient. New system could also be located at a more optimal location to prevent wildlife from contaminating waters. As the current UV system continues to age it will be less able to meet permit requirements for disinfection which could result in fines to the department and harmful impact to the environment and public.

Discuss Operating Budget Impact:

New system could be designed to be more efficient resulting in lower electric use costs. New system with redundant features may allow plant effluent to reach standards more suitable for effluent reuse which could lead to potential new revenue source for the department.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$60,000					\$60,000
Land Acquisition	\$0					
Construction	\$100,000					\$100,000
Equipment/Furnishings	\$500,000					\$500,000
Contingency	\$40,000					\$40,000
Other	\$0					
<b>TOTAL</b>	<b>\$700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$700,000</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$700,000</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2024-440-03
Project Title:	Clarifier Replacement
Category:	Equipment
Department:	Sewer
Contact:	William Branton

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project Is: New [ X ] Recurring [ ] Resubmission [ ]

Multiyear [ ] Phase \_\_\_ of \_\_\_

Description:

Secondary clarifiers are reaching their expected end of useful life. Potential exists for failure of lower assembly and structural supports. It is possible that concerns for future failure could be addressed as part of the clarifier upgrade project.

Benefits of Project and Impact if Not Completed:

Secondary clarifiers are a crucial component of the treatment process.

Discuss Operating Budget Impact:

Necessary to maintain treatment.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$50,000					\$50,000	<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$300,000					\$300,000	<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$900,000					\$900,000	<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$1,250,000	\$0	\$0	\$0	\$0	\$1,250,000	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$1,250,000	\$0	\$0	\$0	\$0	\$1,250,000

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9-27-18

Date of Last Edit: 9-27-18

Project Number:	2024-440-05
Project Title: Replace Soda-Ash Silo	
Category: Equipment	
Department: Sewer	Contact: William Branton

<b>Department Priority:</b>	
<input type="checkbox"/>	Urgent/Legally Required
<input checked="" type="checkbox"/>	Maintain Service
<input checked="" type="checkbox"/>	Enhancement

Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

**Description:**

Soda-Ash Silo showing signs of structural damage. Potential exists for Silo to need to be replaced or receive significant repairs to maintain use . Structural assessment project in 2020 will determine risks and costs associated with the silo in its current state.

**Benefits of Project and Impact if Not Completed:**

Soda ash is the chemical used in our process to adjust pH and alkalinity. It is an essential component of our treatment system. Current structure exhibits signs of wear and tear and there is concern of the structure failing overtime.

**Discuss Operating Budget Impact:**

Essential to maintain treatment. New silo could be designed to optimize chemical use.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$35,000					\$35,000	<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$165,000					\$165,000	<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$200,000					\$200,000	<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400,000</b>	<input checked="" type="checkbox"/> CPA <input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400,000</b>

<b>CPA Purpose(s)</b>	
Check all that apply	
<input type="checkbox"/>	Open Space
<input type="checkbox"/>	Recreation
<input type="checkbox"/>	Historical
<input type="checkbox"/>	Housing

<b>Operating Budget Impact</b>	
During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0

Town of Sc...  
 Capital Plan - FY 2020-2024  
 Criteria Points-Summary  
 Sorted by Fund, Department, Year & Score

Total	Project	Project #	Department	Year	Fund	Request	Comment
50	Trenching & Installation of Conduit	2020-433-03	Transfer Station	2020	TS	\$ 50,000	
46	Powerwash & Paint Metal Space Buildings	2020-433-02	Transfer Station	2020	TS	\$ 45,000	
44	Crack Seal & Pavement Markings	2020-433-01	Transfer Station	2020	TS	\$ 40,000	
56	Replace 2010 Front End Loader	2021-433-01	Transfer Station	2021	TS	\$ 170,000	
56	Replace 1983 Tractor Yard Jockey	2021-433-02	Transfer Station	2021	TS	\$ 65,000	
56	Replace 2010 Backhoe	2022-433-01	Transfer Station	2022	TS	\$ 150,000	
					<b>TS Total</b>	<b>\$ 520,000</b>	



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_ Date of Last Edit: \_\_\_\_\_

Project Number:	2020-433-03		
Project Title:	Trenching & Installation of conduit for Computer Access		
Category:			
Department:	Transfer Station	Contact:	Sean McCarthy
Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

**Description:**  
*The Transfer station site doe not have cable/internet access. Current communication is by voice & dialup. Credit cards are run thru phone lines, eliminating or disconnecting any voice calls taking place or incoming. This would allow email access, communication with vendors and electronic credit card transactions. Conduit would be run from the nearest utility pole at the entrance to the site to the guard shack and then to the main office building.*

**Benefits of Project and Impact if Not Completed:**

Email communication  
 Electronic Credit/Debt card transactions

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					2025	Funding Source(s) Check all that apply	
		FY2020	FY2021	FY2022	FY2023	FY2024			
Study/Design	\$0							<input checked="" type="checkbox"/> Tax Levy	<input checked="" type="checkbox"/> Debt
Land Acquisition	\$0							<input checked="" type="checkbox"/> Enterprise Retained Earnings	<input type="checkbox"/> Capital Stabilization
Construction	\$50,000	\$50,000						<input type="checkbox"/> Free Cash	<input type="checkbox"/> Revolving Fund
Equipment/Furnishings	\$0							<input type="checkbox"/> CPA	<input type="checkbox"/> Grant(s) or Other
Contingency	\$0								
Other	\$0								
<b>TOTAL</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

Grant Amount Requested	\$0								
CPA Amount Requested	\$0								
<b>Net of CPA and Grants</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

**CPA Purpose(s)**  
 Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0						
Post-Project Annual							
Post-Project One-time	\$0						

**Utility Conduit**  
**Installation**  
**Transfer Station**

Item #	Description	Unit Cost	Unit Type	Qty.	Item Cost
1	Mobilization	1	LS	7,500	\$7,500.00
2	Saw Cut Existing Pavement	\$5.00	LF	800	\$4,000.00
3	Excavate/Backfill Trench	\$45.00	LF	400	\$18,000.00
4	Conduit	\$1.00	FT	400	\$400.00
5	2" Binder Asphalt (Hand)	\$300.00	TON	20	\$6,000.00
6	1-1/2" Top (Hand)	\$300.00	TON	15	\$4,500.00
				Subtotal:	\$40,400.00
				Contingency:	\$8,080.00
				<b>Total:</b>	<b>\$48,480.00</b>



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-433-02		
Project Title:	Powerwash and Paint Metal Space Buildings		
Category:			
Department:	Transfer Station	Contact:	Sean McCarthy

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New    [ ]      Recurring [ ]      Resubmission [ X ]

                         Multiyear [ ]      Phase \_\_\_ of \_\_\_

**Description:**

Powerwash, Paint and small metal repair to the 3 buildings located at the Transfer Station. The buildings were constructed in 2000 and house the major components of the solid waste and recycling operation.

**Benefits of Project and Impact if Not Completed:**

Maintain the interior and exterior of the facility buildings onsite. Maintain structural integrity of the buildings and improve the appearance of the facility.

**Discuss Operating Budget Impact:**

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$45,000	\$45,000				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$45,000</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$45,000</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**Sand Blast Power Wash Interior Buildings at the Transfer Station**  
**Construction Estimate**

Item #	Description	Unit Cost	Unit Type	Qty.	Item Cost
1	Mobilization	1	LS	5,000	\$5,000.00
2	Power Wash Interior Buildings	\$65.00	HR	64	\$4,160.00
3	Cleaning Supplies	1	LS	5,000	\$5,000.00
4	Sand Blaster	\$65.00	HR	40	\$2,600.00
	Sand Blast Laborer	\$55.00	HR	40	\$2,200.00
2	Painter	\$65.00	HR	40	\$2,600.00
	Painter	\$55.00	HR	40	\$2,200.00
3	Paint & Supplies	\$15,000.00	LS	1	\$15,000.00
4	Cleanup & Disposal	\$3,000.00	EA	1	\$2,000.00
Subtotal:					\$40,760.00
Contingency:					\$4,076.00
<b>Total:</b>					<b>\$44,836.00</b>





TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-433-01	
Project Title:	Crack Seal and Pavement Markings	
Category:		
Department:	Transfer Station	Contact: Sean McCarthy

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

**Description:**

The pavement at the Transfer Station is approaching 20yrs and showing signs of wear and tear. Crack sealing will prevent rain and melting snow from entering the subbase and freezing causing the pavement to heave accelerating pavement failure. Line striping needs to be performed following crack sealing.

**Benefits of Project and Impact if Not Completed:**

Crack sealing will slow down the deterioration of the pavement

**Discuss Operating Budget Impact:**

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$40,000	\$40,000					<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$40,000	\$40,000	\$0	\$0	\$0	\$0	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0						
CPA Amount Requested	\$0						
Net of CPA and Grants	\$40,000	\$40,000	\$0	\$0	\$0	\$0	\$0

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0						
Post-Project Annual							
Post-Project One-time	\$0						

# PROPOSAL

## New England Sealcoating Co., Inc. Quality Since 1945

131 D.W. Highway, PMB 503  
Nashua, NH 03060-5245  
(603) 598-9200

MAIL TO: 120 Industrial Park Road  
Hingham, MA 02043  
(781) 749-6800 • Fax (781) 749-2780  
www.newenglandsealcoating.com

11 South Angell St., PMB 364  
Providence, RI 02906  
(401) 621-3770

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Sean McCarthy  
Scituate Transfer Station  
280 Driftway  
Scituate, MA 02066

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PHONE: (781) 545-8732x5 April 25, 2017  
FAX:  
Scituate Transfer Station  
280 Driftway  
Scituate, MA

### CRACKSEALING

Furnish all labor, material and equipment to repair structural and random cracks in bituminous concrete surface using hot Poly Fiber Reinforced Rubberized Asphalt crack sealant meeting Federal Specification SS-S-1401c/ASTM D 3405 as follows:

1. Blow out cracks with minimum 125 CFM 90 PSI air pressure.
2. Fill all cracks with hot Poly Fiber Reinforced Rubberized Asphalt crack sealant heated in a double jacketed melter to minimum 325 degrees F. using pressure applicator.
3. Clean up general work area.

35,195 LF

\$28,076.00

#### Notes:

1. This quote good for 30 days.
2. Cracks less than 1/4" will not be sealed.
3. The prevailing wage will be paid.
4. Every where inside the gate.

cr1

We propose to furnish material and labor — complete in accordance with above specifications, for the sum of : \$ 28,076.00  
TERMS: 30% DEPOSIT REQUIRED, BALANCE DUE UPON COMPLETION.

NOTE: Please sign white copy and return with deposit to Hingham, MA.  
Submit tax exempt certificate if applicable.

Authorized  
Signature

Jay Muir

**Acceptance of Proposal** — The above prices, specifications and conditions are satisfactory and are hereby accepted.  
You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: \_\_\_\_\_

Signature: \_\_\_\_\_



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2018 - FY2022**

Date submitted: 11/11/16

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-433-01		
Project Title:	Front End Loader		
Priority:			
Department:	Transfer Station	Contact:	Sean McCarthy
Project Is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

**Description:**

Replacement of the 2010 Cat 928HZ Front end Loader (Mileage 11404 hours) . This piece of equipment is an Integral part of the day to day operations.

**Benefits of Project and Impact if Not Completed:**

This versatile piece of equipment is used daily to move bins, debris, pallets and heavy items throughout the site. This piece of equipment is also used in snow operations at the Transfer Station and public roadways and parking lots throughout town.

**Discuss Operating Budget Impact:**

Explain the project's short- and long-term impacts on the community's operating budget.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2018	FY2019	FY2020	FY2021	FY2022
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$170,000				\$170,000	
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$170,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$170,000</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$170,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$170,000</b>	<b>\$0</b>
<b>Operating Budget Impact</b>						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

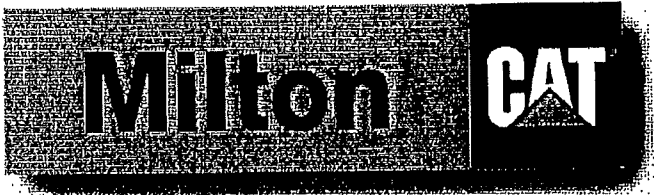
**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing



**Massachusetts & RI Locations:**

100 Quarry Dr.                      84 Concord St.  
 Milford, Ma. 01757              N. Reading, Ma. 01864

14 Kendrick Rd., Rte 28              2158 Plainfield Pike  
 Wareham, Ma. 02571              Cranston, Ri. 02920

**Southworth-Milton, Inc.**  
 www.miltoncat.com

**FY 2016 PURCHASE**

DATE: November 7, 2016

**Town of Scituate DPW**  
 600 Chief Justice Cushing Hwy  
 Scituate, Ma. 02066  
 Kevin Cafferty

State Contract: VEH93

Qty	Description	List Price	State Contract Price
1	New 2016 CAT 930M Loader Deluxe Cab with Heat and AC, AM/FM Bluetooth Radio Ride Control, Front Differential Lock, Cold Weather Package Heavy Counterweight, Titan MXL tires Fusion Quick Coupler with 3rd Valve Hydraulics 3.2 yd General Purpose Bucket with BOCE, 2 Extra Front and 2 Extra Rear LED flood lights Rear View Camera integrated into display 3 year-1500 hour full warranty	\$ 255,860.00	\$ 154,932.00
Options: 1	11ft Power Angle plow		\$ 13,900.00

**Total State Contract Delivered Price: \$ 168,832.00**

**Tom Benedetti Jr**  
 Governmental and State Sales  
 Mobile Phone: 774-258-1636  
 Fax: 774-907-3062  
 email: benedetti@miltoncat.com



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-433-02		
Project Title:	Yard Jockey		
Category:			
Department:	Transfer Station	Contact:	Sean McCarthy

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New    [ ]      Recurring [ ]      Resubmission [ X ]

                         Multiyear [ ]      Phase \_\_\_ of \_\_\_

Description:

Existing tractor used to move trailers around the site and in and out of the tunnel to manage municipal solid waste.

Benefits of Project and Impact if Not Completed:

Replace 1983 Tractor Yard Jockey

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$65,000		\$65,000			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_

Date of Last Edit: \_\_\_\_\_

<b>Project Number:</b>	2022-433-01		
<b>Project Title:</b>	Replace 2010 Backhoe		
<b>Category:</b>			
<b>Department:</b>	Transfer Station	<b>Contact:</b>	Sean McCarthy

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

**Project is:**      New          Recurring       Resubmission

Multiyear       Phase \_\_\_ of \_\_\_

**Description:**

To replace 2010 backhoe.

**Benefits of Project and Impact if Not Completed:**

maintain schedule of replacement of equipment.

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$150,000			\$150,000		
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

<b>During Project</b>	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

Town of Scituate  
 Capital Plan - FY 2020-2024  
 Criteria Points-Summary  
 Sorted by Fund, Department, Year & Score

11/8/2018

Total	Project	Project #	Department	Year	Fund	Request	Comment
73	Emergency Treatment at Wells 17A & 18B	2020-450-01	Water	2020	W	\$ 210,000	part of STM
72	Engineering & Design Water Plant & SCADA	2020-450-03	Water	2020	W	\$ 4,000,000	
71	Permanent Filtration Well 18B	2020-450-02	Water	2020	W	\$ 500,000	
68	Ice Piggings	2020-450-05	Water	2020	W	\$ 200,000	
63	Humarock Water Mains-Engineering	2020-450-08	Water	2020	W	\$ 800,000	
62	Repairs to Water Treatment Plant	2020-450-06	Water	2020	W	\$ 80,000	
61	Water System Study	2020-450-04	Water	2020	W	\$ 100,000	part of STM
55	Emergency Generator at Well #11	2018-450-07	Water	2020	W	\$ 90,000	
53	New Treatment Well 17A - Construction	2020-450-10	Water	2020	W	\$ 8,000,000	
51	Mini-Excavator	2020-450-11	Water	2020	W	\$ 70,000	
50	10 Yr Meter replacement cycle program	2020-450-09	Water	2020	W	\$ 180,000	
48	West End Well Investigation	2020-450-07	Water	2020	W	\$ 300,000	
67	Replace Water Mains (galvanized pipe)	2021-450-01	Water	2021	W	\$ 2,300,000	
67	Humarock Water Mains-Construction	2021-450-05	Water	2021	W	\$ 4,700,000	
54	10 Yr Meter replacement cycle program	2021-450-04	Water	2021	W	\$ 180,000	
52	Replace Truck #35 2008 Chevy Silverado Pick-up	2021-450-03	Water	2021	W	\$ 53,000	
30	Replace Truck #38 2008 Chevy Colorado Pick-up	2021-450-03	Water	2021	W	\$ 57,000	
76	New Treatment Plant	2022-450-01	Water	2022	W	\$ 25,000,000	
68	New Water Tank	2022-450-02	Water	2022	W	\$ 2,300,000	
67	Replace Water Mains Phase 5	2022-450-03	Water	2022	W	\$ 1,100,000	
54	Reservoir Expansion	2022-450-04	Water	2022	W	\$ 1,790,000	
50	10 Yr Meter replacement cycle program	2022-450-06	Water	2022	W	\$ 185,000	
69	Replace Water Mains Phase 6	2023-450-03	Water	2023	W	\$ 1,200,000	
67	Redevelopment of Public Wells	2023-450-01	Water	2023	W	\$ 100,000	
60	Dolan Field Well	2023-450-04	Water	2023	W	\$ 2,500,000	
59	Emergency Generator at Well #10	2023-450-06	Water	2023	W	\$ 250,000	
58	Chemical Upgrades - Wells	2023-450-02	Water	2023	W	\$ 450,000	
50	10 Yr Meter replacement cycle program	2023-450-07	Water	2023	W	\$ 185,000	
50	Repair Mann Lot Standpipe	2024-450-05	Water	2023	W	\$ 1,000,000	
32	Replace Truck #39 2009 Chevy Silverado Pick-up	2023-450-05	Water	2023	W	\$ 59,000	
69	Replace Water Mains Phase 7	2024-450-02	Water	2024	W	\$ 1,300,000	
52	10 Yr Meter replacement cycle program	2024-450-04	Water	2024	W	\$ 190,000	
36	West End Well Construction	2024-450-01	Water	2024	W	\$ 3,000,000	
32	Replace Utility Body Vehicle #36	2024-450-03	Water	2024	W	\$ 61,000	
					<b>W Total</b>	<b>\$ 62,490,000</b>	



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2020-450-1	
Project Title:	Emergency Treatment at 17A & 18B	
Category:	Engineering/Equipment	
Department:	Water	Contact: Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

**Description:**

Emergency water treatment for Wells 17A & 18B for the removal of iron and manganese.

**Benefits of Project and Impact if Not Completed:**

This will enable multiple capital projects to be performed at Surface Water Treatment Plant. ex: replacement Trac-Vac system, replacement of sand filter under drains, and chemical feed upgrades.  
Impact of non-completion will be that the Surface Water Treatment Plant will not be able to supply sufficient drinking water during high usage periods. This potentially would require emergency connection to another neighboring town.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$210,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$70,000	\$70,000				
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$140,000	\$140,000				
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$210,000</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$210,000</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				



# Cost Est. for WATER TREATMENT Repairs

Sand Filter Repairs \$170,000

Drain & clean ~~Sand filter~~ / sand basin \$200,000

Trac Vac System \$150,000

Temp Treatment \$210,000

Eng. Permitting \$60,000

All ~~all~~ Concrete wall Repairs/Replace \$200,000

\$990,000

10% Contingency 99,000

\$1,089,000

Calculation:  $990,000 + 15\% \rightarrow 1,138,500$



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2020-450-3		
Project Title:	Engineering & Design Water Plant & SCADA		
Category:	Engineering & Design		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

**Description:**

Emergency repairs are urgently needed at Surface Water Treatment Plant. Our current plant lacks redundancy throughout the entire treatment process. Recent emergency repairs have illustrated the need for this redundancy going forward. In a recent meeting with DEP, our lack of redundancy was flagged as a serious concern.

**Benefits of Project and Impact if Not Completed:**

Allows fully engineered plans and cost estimate for eventual construction and replacement of our current facility.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$4,000,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$4,000,000	\$4,000,000				
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**

Check all that apply

- Tax Levy
- Debt
- Enterprise Retained Earnings
- Capital Stabilization
- Free Cash
- Revolving Fund
- CPA
- Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**

Check all that apply

- Open Space
- Recreation
- Historical
- Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

2020-450-3

Sean Anderson

From: Michael J. Schrader <MJSchrader@tigheBond.com>  
 Sent: Friday, September 28, 2018 12:00 PM  
 To: Sean Anderson  
 Cc: John N. McClellan  
 Subject: [NOTICE] budget input

After our phone call I went through the items with John. Honestly we're not going to have much time to spend on that because we are focused on the OOB, model, etc. but this is what we were thinking

1. 18B treatment – use same budget number as 17A \$8m. hopefully less once we get into it
2. Engineering and Design, new WTP and SCADA - \$4.0 is good
3. West End Well investigation – 300K should be good
4. Chem upgrades at wells, assume \$450K per each to be conservative based upon OOB
5. West End Well – I'm waiting to hear back from some others relative to recent projects. Will forward when I get it.

Michael J. Schrader, P.E. | Project Manager  
 Tighe & Bond | One University Avenue | Westwood, MA 02090 | 781.708.9824 (direct) | 978.761.6380 (cell)  
 For conference call dial 1-605-475-5602 then 3999643903 followed by the pound sign



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/28/18

Date of Last Edit:

Project Number:	2020-450-2		
Project Title:	Permanent Filtration for 18B		
Category:	Equipment		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New <input checked="" type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

**Description:**

Design and install permanent treatment for the removal of Manganese at Well 18B

**Benefits of Project and Impact if Not Completed:**

Well 18 B has been off-line since February 24, 2018 due to elevated manganese. This treatment will allow Well 18B to pump directly into the distribution system providing us with additional ground water supply.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$ 500,000

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$500,000	\$500,000					<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

- CPA Purpose(s)**  
Check all that apply
- Open Space
  - Recreation
  - Historical
  - Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

2018-09-28

Sean Anderson

From: Michael J. Schrader <MJSchrader@tigheBond.com>  
 Sent: Friday, September 28, 2018 12:00 PM  
 To: Sean Anderson  
 Cc: John N. McClellan  
 Subject: [NOTICE] budget input

After our phone call I went through the items with John. Honestly we're not going to have much time to spend on that because we are focused on the OOB, model, etc. but this is what we were thinking

1. 18B treatment – use same budget number as 17A \$8m. hopefully less once we get into it
2. Engineering and Design, new WTP and SCADA - \$4.0 is good
3. West End Well investigation – 300K should be good
4. Chem upgrades at wells, assume \$450K per each to be conservative based upon OOB
5. West End Well – I'm waiting to hear back from some others relative to recent projects. Will forward when I get it.

Michael J. Schrader, P.E. | Project Manager  
 Tighe & Bond | One University Avenue | Westwood, MA 02090 | 781.708.9824 (direct) | 978.761.6380(cell)  
 For conference call dial 1-605-475-5602 then 3999643903 followed by the pound sign



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2020-450-5		
Project Title:	Ice Piggig		
Category:	Construction		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New	[ X ]	Recurring	[ ]	Resubmission	[ ]
	Multiyear	[ ]	Phase	___ of ___		

**Description:**

This project will utilize Ice Piggig technology to target the areas of largest complaints for discolored water in addition to our regular flushing program.

**Benefits of Project and Impact if Not Completed:**

Reduction of discolored water while conserving water resources.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$200,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$200,000	\$200,000					<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0						CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0						
Net of CPA and Grants	\$200,000	\$200,000	\$0	\$0	\$0	\$0	

<b>Operating Budget Impact</b>							
During Project	\$0						<input type="checkbox"/> Open Space
Post-Project Annual							<input type="checkbox"/> Recreation
Post-Project One-time	\$0						<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing

# Capital Improvement Planner

Project	Description	Financing Source	Interest Rate	Estimated Cost	Start Year	End Year
32	Repairs to Water Treatment Plant	Rate	N/A	\$ 51,000	2018	2020
33	New Treatment Well 17A (construction)	Debt	2%	\$ 8,000,000	2018	2022
34	Ice pigging	Rate		\$ 200,000	2019	2019
35	Hydraulic model	Rate	N/A	\$ 75,000	2017	2019
36	New Treatment Well	Debt	2%	\$ 8,000,000	2017	2022



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2020-450-8		
Project Title:	Humarock Water Mains		
Category:	Engineering/Construction		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

Upgrade and replace critical water infrastructure. The mains in this area require repeated repair and have far exceeded life expectancy.

**Benefits of Project and Impact if Not Completed:**

Drastically reduce unaccounted for water in the Humarock area. This will result in fewer disruptions to service and potential cost savings as we purchase this water from the Town of Marshfield Water Dept.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$5,500,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$800,000	\$800,000				
Land Acquisition	\$0					
Construction	\$4,700,000		\$4,700,000			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$5,500,000</b>	<b>\$800,000</b>	<b>\$4,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$5,500,000</b>	<b>\$800,000</b>	<b>\$4,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



2020-450-8

Town of Scituate, MA  
 Capital Improvement Plan - Main Replacement Program for 2018/2019 (Phases 3C & 4)  
 Weston & Sampson  
 August 16, 2018

	Footage	Engineering & Contingency	Construction	TOTAL
<b>Cast Iron Pipe Replacement (Phase 3C)</b>				
Collier Avenue (Already Done)				
Pegotty Beach Road (Was cleaned and lined)	3,390 \$	112,548 \$	678,000 \$	790,548
Occaside Drive				
<b>Totals:</b>	<b>3,390 \$</b>	<b>112,548 \$</b>	<b>678,000 \$</b>	<b>790,548</b>

	Footage	Engineering & Contingency	Construction	TOTAL
<b>Cl Pipe Abandonment/Service Transfer (Phase 3C)</b>				
Booth Hill Road	1,920 \$	33,024 \$	76,800 \$	109,824
Gannett Road	7,300 \$	125,560 \$	292,000 \$	417,560
Kent Street (Already Done)	2,290 \$	39,388 \$	91,600 \$	130,988
Mann Lot Road	2,250 \$	38,700 \$	90,000 \$	128,700
Ocean Avenue	3,500 \$	60,200 \$	140,000 \$	200,200
Turner Road				
<b>Totals:</b>	<b>17,260 \$</b>	<b>296,872 \$</b>	<b>690,400 \$</b>	<b>987,272</b>

	Footage	Engineering & Contingency	Construction	TOTAL
<b>2-inch Galvanized Iron Replacement (Phase 4)</b>				
Bonnie Briar Circle	150 \$	4,980 \$	30,000 \$	34,980
Bradford Avenue	1,050 \$	34,860 \$	210,000 \$	244,860
Brown Road	400 \$	13,280 \$	80,000 \$	93,280
Cedarwood Road	220 \$	7,304 \$	44,000 \$	51,304
Chittenden Road	1,000 \$	33,200 \$	200,000 \$	233,200
Claymore Terrace	260 \$	8,632 \$	52,000 \$	60,632
Crickel Circle	490 \$	16,268 \$	98,000 \$	114,268
Drew Place	410 \$	13,612 \$	82,000 \$	95,612
Foam Road	610 \$	20,252 \$	122,000 \$	142,252
Greenfield Terrace	750 \$	24,900 \$	150,000 \$	174,900
Hornbeam Road	600 \$	19,920 \$	120,000 \$	139,920
Jericho Lane	460 \$	15,272 \$	92,000 \$	107,272
Lantern Lane	460 \$	15,272 \$	92,000 \$	107,272
Pine Brook Lane	250 \$	8,300 \$	50,000 \$	58,300
Rainbow Court	240 \$	7,968 \$	48,000 \$	55,968
Sassamon Road	300 \$	9,960 \$	60,000 \$	69,960
Studley Royal Road	340 \$	11,288 \$	68,000 \$	79,288
Westgate Lane	330 \$	10,956 \$	66,000 \$	76,956
Wood Avenue	180 \$	5,976 \$	36,000 \$	41,976
Youngs Lane	290 \$	9,628 \$	58,000 \$	67,628
<b>Totals:</b>	<b>8,610 \$</b>	<b>285,852 \$</b>	<b>1,722,000 \$</b>	<b>2,007,852</b>

	Footage	Engineering & Contingency	Construction	TOTAL
<b>Humarock Pipe Replacement with 8" PVC (Phase 4)</b>				
Vaults and PRV's (2)		12,350 \$	123,500 \$	135,850
PALFREY STREET	289 \$	8,717 \$	49,067 \$	57,784
BRUNSWICK STREET	428 \$	12,934 \$	72,810 \$	85,744
RIVER STREET	164 \$	4,961 \$	27,924 \$	32,885
CENTRAL AVENUE	6356 \$	191,956 \$	1,080,548 \$	1,272,505
RIVER STREET	832 \$	25,121 \$	141,410 \$	166,531
JULIAN STREET	179 \$	5,410 \$	30,452 \$	35,862
MARSHFIELD AVENUE EASEMENT	340 \$	10,275 \$	57,838 \$	68,113
LOWELL STREET EASEMENT	322 \$	9,738 \$	54,817 \$	64,555
OLD MOUTH ROAD	505 \$	15,244 \$	85,809 \$	101,052
OLD MOUTH ROAD	579 \$	17,481 \$	98,401 \$	115,882
CLIFF ROAD SOUTH	4339 \$	131,034 \$	737,611 \$	868,645
CENTRAL AVENUE	623 \$	18,801 \$	105,832 \$	124,633
DARTMOUTH STREET EASEMENT	268 \$	8,094 \$	45,560 \$	53,653
CENTRAL AVENUE	670 \$	20,247 \$	113,974 \$	134,221
CENTRAL AVENUE	331 \$	10,004 \$	56,315 \$	66,320
CENTRAL AVENUE	335 \$	10,132 \$	57,034 \$	67,166
MANCHESTER STREET EASEMENT	225 \$	6,789 \$	38,218 \$	45,008
ALDEN AVENUE	1709 \$	51,604 \$	290,487 \$	342,091
OCEAN DRIVE	525 \$	15,841 \$	89,172 \$	105,013
RIVER STREET	1166 \$	35,204 \$	198,166 \$	233,370
RIVER STREET	252 \$	7,615 \$	42,868 \$	50,483
PALFREY STREET	501 \$	15,123 \$	85,130 \$	100,254
POSTSCRIPT LANE	274 \$	8,280 \$	46,610 \$	54,890
MANCHESTER STREET	426 \$	12,854 \$	72,356 \$	85,210
JULIAN STREET	50 \$	1,524 \$	8,580 \$	10,105
RIVER ROAD	1715 \$	51,786 \$	291,509 \$	343,295
RIVER STREET	333 \$	10,067 \$	56,671 \$	66,738
TEMPLE WAY EASEMENT	275 \$	8,313 \$	46,797 \$	55,110
MARSHFIELD AVENUE				
<b>Totals:</b>	<b>24,012 \$</b>	<b>737,499 \$</b>	<b>4,205,467 \$</b>	<b>4,942,967</b>

Grand Totals: 53,272 \$      1,432,771 \$      7,295,867 \$      8,728,639

\* Construction Contingency  
 4,205,467  
 5,365,517

Requesting 5,500,000

*Town of Scituate, MA  
 Capital Improvement Plan - Main Replacement Program  
 For 2018/2019/2020 (Phases 3C, 4 & 5)  
 Prepared by Weston & Sampson - August 24, 2018*

<b>Cast Iron Pipe Replacement (Phase 3C)</b>		
	<b>Footage</b>	<b>Construction</b>
Oceanside Drive	3,390	\$ 542,400
<b>Totals:</b>	<b>3,390</b>	<b>\$ 542,400</b>
<b>CI Pipe Abandonment/Service Transfer (Phase 3C)</b>		
	<b>Footage</b>	<b>Construction</b>
Booth Hill Road	1,920	\$ 61,440
Gannett Road	7,300	\$ 233,600
Mann Lot Road	2,290	\$ 73,280
Ocean Avenue	2,250	\$ 72,000
Turner Road	3,500	\$ 112,000
<b>Totals:</b>	<b>17,260</b>	<b>\$ 552,320</b>
<b>2-inch Galvanized Iron Replacement (Phase 4)</b>		
	<b>Footage</b>	<b>Construction</b>
Bonnie Briar Circle	150	\$ 24,000
Bradford Avenue	1,050	\$ 168,000
Brown Road	400	\$ 64,000
Cedarwood Road	220	\$ 35,200
Chittenden Road	1,000	\$ 160,000
Claymore Terrace	260	\$ 41,600
Cricket Circle	490	\$ 78,400
Drew Place	410	\$ 65,600
Foam Road	610	\$ 97,600
Greenfield Terrace	750	\$ 120,000
Hornbeam Road	600	\$ 96,000
Jericho Lane	460	\$ 73,600
Lantern Lane	250	\$ 40,000
Pine Brook Lane	240	\$ 38,400
Rainbow Court	300	\$ 48,000
Sassamon Road	340	\$ 54,400
Studley Royal Road	330	\$ 52,800
Westgate Lane	180	\$ 28,800
Wood Avenue	290	\$ 46,400
Youngs Lane	280	\$ 44,800
<b>Totals:</b>	<b>8,610</b>	<b>\$ 1,377,600</b>

<b>Humarock Pipe Replacement with 8" PVC (Phase 5)</b>	<b>Footage</b>	<b>Construction</b>
Vaults and PRV's (2)		\$ 123,500
PALFREY STREET	289	\$ 39,254
BRUNSWICK STREET	428	\$ 58,248
RIVER STREET	164	\$ 22,339
CENTRAL AVENUE	6356	\$ 864,439
RIVER STREET	832	\$ 113,128
JULIAN STREET	179	\$ 24,362
MARSHFIELD AVENUE EASMENT	340	\$ 46,271
LOWELL STREET EASEMENT	322	\$ 43,854
OLD MOUTH ROAD	505	\$ 68,647
OLD MOUTH ROAD	579	\$ 78,721
CLIFF ROAD SOUTH	4339	\$ 590,089
CENTRAL AVENUE	623	\$ 84,665
DARTMOUTH STREET EASEMENT	268	\$ 36,448
CENTRAL AVENUE	670	\$ 91,179
CENTRAL AVENUE	331	\$ 45,052
MANCHESTER STREET EASEMENT	335	\$ 45,627
ALDEN AVENUE	225	\$ 30,575
OCEAN DRIVE	1709	\$ 232,390
RIVER STREET	525	\$ 71,338
RIVER STREET	1166	\$ 158,533
PALFREY STREET	252	\$ 34,294
POSTSCRIPT LANE	501	\$ 68,104
MANCHESTER STREET	274	\$ 37,288
JULIAN STREET	426	\$ 57,885
RIVER ROAD	50	\$ 6,864
RIVER STREET	1715	\$ 233,208
TEMPLE WAY EASEMENT	333	\$ 45,336
MARSHFIELD AVENUE	275	\$ 37,437
<b>Totals:</b>	<b>24,012</b>	<b>\$ 3,389,074</b>
<b>Construction Total:</b>	<b>53,272</b>	<b>\$ 5,861,394</b>
<b>Construction Contingency</b>	<b>10%</b>	<b>\$ 586,139</b>
<b>Construction Services</b>	<b>10%</b>	<b>\$ 586,139</b>
<b>Police</b>	<b>6%</b>	<b>\$ 351,684</b>
<b>GRAND TOTAL</b>		<b>\$ 7,385,356</b>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_ 9/27/18

Date of Last Edit:

Project Number:	2020-450-6		
Project Title:	Repairs to Water Treatment Plant		
Category:	Construction		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [x ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace the 30+ year old roof on the Old Oaken Bucket Surface Water Treatment Plant. Water is leaking through the roof into multiple areas in the plant. The project is to be managed by the Facilities Director.

**Benefits of Project and Impact if Not Completed:**

Water leaking through the roof poses serious a threat to electrical equipment and safe operation of the treatment plant (slips, falls, electrical shock).

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$80,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$80,000	\$80,000				
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$80,000</b>	<b>\$80,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$80,000</b>	<b>\$80,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

2020-450-6

# Roofing Calculator - Estimate Re-Roofing Costs

## Need a Roofer?

Get 4 Free Quotes From Local Contractors

Start Here Enter Your Zip Code

Search >

## Flat Roof Replacement Cost Calculator

In recent years flat roofs have grown in popularity because of their distinctly modern look, as well as ease of installation and repair. When it comes to cost, a flat roof is cheaper than the majority of sloped roof materials, with the exception of composite shingles.

On average, the price to install or replace a flat roof is \$5-10 per square foot. A 1,600 sq.ft. flat roof costs \$8,000 - 16,000. This includes tear off, insulation and the new roofing membrane. Final prices depend on the quality of the material, roof size and complexity, your contractor and location.

Estimate installation prices for the following flat roof materials: 1. Single Ply Membranes (TPO, PVC, EPDM Rubber); 2. Modified Bitumen; 3. Rolled Roofing.


Roof Size:	150	x 60	ft.
Curbs (Skylights / Chimneys / Hatches)	5	#	
Parapets length:	0	In. ft.	
Insulation:	<input (20-r)="" polyiso="" type="text" v"="" value="3.3"/>		
Roof Pitch:	<input type="text" value="Flat (0) v"/>		
Old Roof Removal:	<input type="text" value="YES - 1 layer v"/>		
Job Complexity:	<input type="text" value="Medium difficulty v"/>		
Roofing material:	<input type="text" value="EPDM (Black Rubber) v"/>		
Region (US Only):	<input type="text" value="New England v"/>		

Calculate

Low End  
\$64497

Mid Range  
\$75878

High End  
\$94848

 See Costs In Your Areal  
Start Here - Enter Your Zip Code

Requesting 80,000



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_ 9/27/18

Date of Last Edit:

Project Number:	2020-450-4	
Project Title:	Water System Study	
Category:	Engineering/Design	
Department:	Water	Contact: Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ x ]    Recurring [ ]    Resubmission [ ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Water system study of up to date available water supply data including ground water sources and Surface Water Treatment plant stream flows taking into account releases for the First Herring Brook.

**Benefits of Project and Impact if Not Completed:**

Up to date data will help to ensure the town is able to maintain adequate water supply and allow for increasing demands.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$100,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$100,000	\$100,000					<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$100,000	\$100,000	\$0	\$0	\$0	\$0	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0						<b>CPA Purpose(s)</b> Check all that apply <input type="checkbox"/> Open Space <input type="checkbox"/> Recreation <input type="checkbox"/> Historical <input type="checkbox"/> Housing
CPA Amount Requested	\$0						
Net of CPA and Grants	\$100,000	\$100,000	\$0	\$0	\$0	\$0	

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

## SCOPE OF SERVICES – WATER SYSTEM STUDY

- 1.1 Data Collection, Population, and Demand Analysis
  - 1.1.1 Collect and review information regarding population, zoning, land use and anticipated development.
  - 1.1.2 Collect and review available data concerning the water supply and distribution facilities.
  - 1.1.3 For the 20-year planning period of the study, discuss potential and proposed development and zoning changes.
  - 1.1.4 Develop population projections for the planning period based on historical trends, existing population projections, zoning information, regional planning data, and discussions with officials.
  - 1.1.5 Prepare future average day, maximum day, and peak hour water demand projections for the planning period. Projections shall be based on water consumption data, zoning information, and population estimates.
- 1.2 Hydraulic Model
  - 1.2.1 Update the existing water system model including water system improvements made since the original model was created in 2001.
  - 1.2.2 Review pipe diameter and condition of each pipe segment. Reassign water demands and ground elevations to each node.
  - 1.2.3 Recommend at least 12 locations where existing flow test information is not sufficient to achieve model calibration. Conduct flow tests, recording data including flow rate, pressure, volume of water supplied by the water sources, and the water levels in the storage facilities.
  - 1.2.4 Calibrate the model using pumping, storage and flow testing data.
- 1.3 Water Storage Evaluation
  - 1.3.1 Establish recommended fire flows based on fire official's opinions, Insurance Services Office (ISO) standards, DEP requirements, and the ENGINEER's experience with fire flow recommendations for similar communities.
  - 1.3.2 Based on the water demands projections, review the storage requirements needed to provide peak hour and fire protection flows.
  - 1.3.3 Identify the best location(s) for additional storage facilities that will improve the system's ability to provide improved pressures and fire flows.

budget. Prioritize each improvement based on its relative effectiveness to eliminate the most serious deficiencies first. These recommendations will provide details for the preparation of warrant articles.

- 1.6.3 Prepare cost estimates for the construction program, which include engineering and construction costs.
- 1.6.4 Prepare a draft report describing the existing system, model development and calibration, and the evaluation process used to reach conclusions and recommendations. Submit the report for review, followed by a formal presentation.
- 1.6.5 Attend up to three meetings with the town boards and/or personnel to present the findings.
- 1.6.6 Prepare a final report incorporating comments received, and submit 10 bound copies.
- 1.6.7 Provide copies of the hydraulic model map and the calibrated computer model of the system.



Sean Anderson

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**From:** Kevin Cafferty  
**Sent:** Tuesday, January 30, 2018 1:24 PM  
**To:** Sean McCarthy; Sean Anderson  
**Subject:** FW: Water Study Scope and budget  
**Attachments:** Scituate water study scope.pdf

Have you had a chance to look at the following?  
I will show this document tonight to the Water Resources tonight unless you would like to add anything.

**From:** Adams, Bruce [<mailto:adamsb@wseinc.com>]  
**Sent:** Wednesday, January 24, 2018 10:19 AM  
**To:** Kevin Cafferty  
**Subject:** Water Study Scope and budget

Kevin,  
Attached is the suggested scope for a water study. I divided it up into three parts:

1. Data collection and demand analysis
2. Water distribution system evaluation
3. Water supply and quality evaluation

I'd suggest budgeting around \$70,000 for the whole study. That's based on a level of effort to effectively address all of the issues that I'm aware of. Certain tasks could be expanded or reduced depending on the focus desired. The distribution system evaluation can also be separated from the supply evaluation. A rough breakdown by part would be about \$10k for part 1, \$30k for part 2, and \$30k for part 3.

Let me know if you need more info on this or if you want to discuss approach and/or cost. Thanks, Bruce

**Bruce W. Adams, PE**  
Vice President  
direct: 978-573-4001  
cell: 978-376-6744



Weston & Sampson  
5 Centennial Drive | Peabody, MA 01960 (HQ)  
tel: 978-532-1900  
westonandsampson.com

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**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2018 -FY2022**      Date submitted: 11/11/2016      Date of Last Edit: \_\_\_\_\_

Project Number:	2018-450-7		
Project Title:	New Emergency Generators at Wells #11 and #10		
Category:	Water	Contact:	Sean Anderson
Project Is:	New <input type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input checked="" type="checkbox"/>
	Multyear <input checked="" type="checkbox"/>	Phase <u>4</u> of <u>5</u>	

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

**Description:**  
 In FY2013 a proposal was submitted for the installation of back up generators at 5 of our wells to provide drinking water and water for fire protection during power outages. To date, natural gas-powered back-up generators have been installed at two of our wells: Well #19 (CJC Hwy) and Well #22 (Old Forge Rd). Funding for a third generator at Well #18B (Driftway) was previously approved and is in process. This proposal is for the continuation of the plan to install backup generators at Well #11 and Well #10 (RT123) in FY2018 and FY2019, respectively. The scope of the project includes installation of natural gas service, transfer switches, and a new generator at each pumping station.

**Benefits of Project and Impact if Not Completed:**  
 More than half of Scituate's potable water supply comes from our wells which operate 24 hrs a day, 365 days a year. The Town's ability to provide potable water to our residents and an adequate supply of water for fire protection during prolonged power outages depends on the uninterrupted operation of our pumping stations. For example, loss of production at Wells 10 and 11 during a prolonged power outage would result in the loss of >8000 gallons per hour, and would challenge our ability to meet health and safety demands with production from only three wells and the treatment plant.

**Discuss Operating Budget Impact:**  
 Explain the project's short- and long-term impacts on the community's operating budget.

Recommended Financing							Funding Source(s) Check all that apply	
Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					<input type="checkbox"/> Tax Levy	<input type="checkbox"/> Debt
		FY2018	FY2019	FY2020	FY2021	FY2022		
Study/Design	\$0						<input type="checkbox"/> Free Cash	<input type="checkbox"/> Revolving Fund
Land Acquisition	\$0						<input type="checkbox"/> CPA	<input type="checkbox"/> Grant(s) or Other
Construction	\$0							
Equipment/Furnishings	\$190,000	\$100,000	\$90,000					
Contingency	\$0							
Other	\$0							
<b>TOTAL</b>	<b>\$190,000</b>	<b>\$100,000</b>	<b>\$90,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

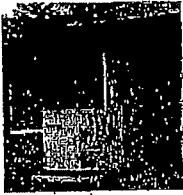
  

CPA Purpose(s) Check all that apply							
Grant Amount Requested	\$0						<input type="checkbox"/> Open Space
CPA Amount Requested	\$0						<input type="checkbox"/> Recreation
Net of CPA and Grants	\$190,000	\$100,000	\$90,000	\$0	\$0	\$0	<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing

Operating Budget Impact	
During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0

# GENERAC® STANDBY GENERATORS



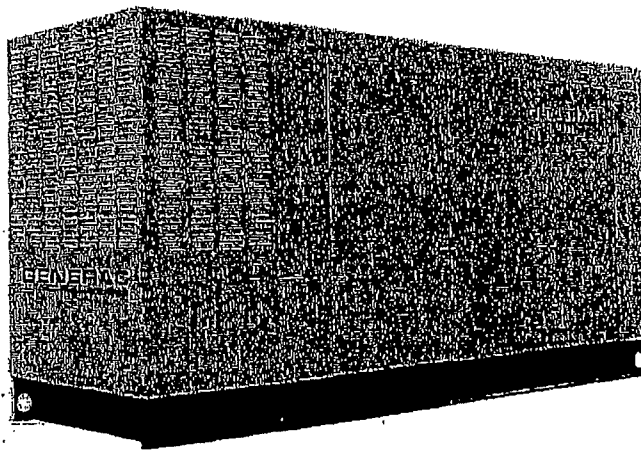
GAME to gas company ← 150 kW  
 IS this OK (E)

## Liquid-Cooled Engine Generator Sets

Standby Power Rating  
 Model QT150 (Bisque) - 150 kW 60Hz

### INCLUDES:

- Generac Naturally Aspirated Gasoline Fueled 6.8L Engine
- Maintenance Free Tri-lingual Digital Nexos™ Controller
- Synchronous Electronic Governor
- Closed Coolant Recovery System
- Smart Battery Charger
- UV/Chemical Resistant Hoses
- 1% Voltage Regulation
- Natural Gas or LP Operation
- 3 Year Limited Warranty
- ETL 2009 Listed



**QUIET-TEST**

Meets 2010 EPA Emission Regulations  
 Meets CA/MMA emissions requirement with optional catalyst

## FEATURES

- **INNOVATIVE DESIGN & PROTOTYPE TESTING** are key components of GENERAC'S success in "IMPROVING POWER BY DESIGN." But it doesn't stop there. Total commitment to component testing, reliability testing, environmental testing, destruction and life testing, plus testing to applicable CSA, NEMA, EBSA, and other standards, allows you to choose GENERAC POWER SYSTEMS with the confidence that these systems will provide superior performance.
- **TEST CRITERIA:**
  - ✓ PROTOTYPE TESTED
  - ✓ SYSTEM TORSIONAL TESTED
  - ✓ NEMA MG1-22 EVALUATION
  - ✓ MOTOR STARTING ABILITY
- **SOLID-STATE, FREQUENCY COMPENSATED VOLTAGE REGULATION.** This state-of-the-art power maximizing regulation system is standard on all Generac models. It provides optimized FAST RESPONSE to changing load conditions and MAXIMUM MOTOR STARTING CAPABILITY by electronically torque-matching the surge loads to the engine. An unequalled  $\pm 1\%$  voltage regulation.
- **SINGLE SOURCE SERVICE RESPONSE** from Generac's extensive dealer network provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.
- **GENERAC TRANSFER SWITCHES.** Long life and reliability are synonymous with GENERAC POWER SYSTEMS. One reason for this confidence is that the GENERAC product line includes its own transfer systems and controls for total system compatibility.

# GENERAC®

# Application & Engineering Data

QT150

## GENERATOR SPECIFICATIONS

TYPE	Synchronous
ROTOR INSULATION	Class F or H (see Data Label)
STATOR INSULATION	Class H
TELEPHONE INTERFERENCE FACTOR (TIF)	<50
ALTERNATOR OUTPUT LEADS 3-PHASE/1-PHASE	6/4 wire
BEARINGS	Sealed Ball
COUPLING	Flexible Disc
LOAD CAPACITY (STANDBY RATING)	150 kW
EXCITATION SYSTEM	Brushless

## VOLTAGE REGULATION

TYPE	Full Digital
SENSING	Three Phase
REGULATION	± 1%

## GENERATOR FEATURES

Revolving field heavy duty generator  
Directly connected to the engine  
Operating temperature rise 120 °C above a 40 °C ambient  
Insulation is Class F rated at 130 °C rise  
All models are fully prototyped tested

## ENCLOSURE FEATURES

Aluminum all weather protective enclosure options available	Ensures protection against mother nature. Electrostatically applied textured epoxy paint for added durability.
Enclosed critical grade muffler	Quiet, critical grade muffler is mounted inside the unit to prevent injuries.
Small, compact, attractive	Makes for an easy, eye appealing installation.
SAE	Sound attenuated enclosure ensures quiet operation.

## ENGINE SPECIFICATIONS

MAKE	Generac
MODEL	V-type
CYLINDERS	10
DISPLACEMENT	6.8 Liter
BORE	3.55
STROKE	4.17
COMPRESSION RATIO	9:1
INTAKE AIR SYSTEM	Naturally Aspirated
VALVE SEATS	Hardened
LIFTER TYPE	Hydraulic

## GOVERNOR SPECIFICATIONS

TYPE	Electronic
FREQUENCY REGULATION	Isosynchronous
STEADY STATE REGULATION	± 0.25%

## ENGINE LUBRICATION SYSTEM

OIL PUMP	Gear
OIL FILTER	Full flow spin-on cartridge
CRANKCASE CAPACITY	5 Quarts

## ENGINE COOLING SYSTEM

TYPE	Closed
WATER PUMP	Belt driven
FAN SPEED	2200
FAN DIAMETER	26 inches
FAN MODE	Puller

## FUEL SYSTEM

FUEL TYPE	Natural gas, propane vapor
CARBURETOR	Down Draft
SECONDARY FUEL REGULATOR	Standard
FUEL SHUT OFF SOLENOID	Standard
OPERATING FUEL PRESSURE	11" - 14" H <sub>2</sub> O

## ELECTRICAL SYSTEM

BATTERY CHARGE ALTERNATOR	12V 90 Amp
SMART BATTERY CHARGER	12V, 2 Amp
RECOMMENDED BATTERY	Group 24F, 12V, 525CCA
SYSTEM VOLTAGE	12 Volts

Rating definitions - Standby: Applicable for supplying emergency power for the duration of the utility power outage. No overload capability is available for this rating. (All ratings in accordance with BS5614, ISO3046 and DIN5271). (All ratings in accordance with BS5614, ISO3046, ISO8520, SAE J1340 and DIN5271).

# SYSTEMS CONTRACTING, INC.

Plymouth Industrial Park  
7 Scobee Circle • Plymouth, MA 02360  
TEL. (508) 746-7000 • FAX (508) 746-7717

Tuesday, October 21, 2014  
Attn: James Debarros  
Town of Scituate  
600 Chief Justice Highway  
Scituate, MA

Re: Well 18B Generator Installation  
Scituate, MA

## ELECTRICAL PROPOSAL

This electrical proposal is to furnish and install a 125kw natural gas fired generator 480 volt 3 phase and Automatic Transfer Switch. This generator will provide full power to site in the event of utility power loss. Please review the below qualifications of this proposal.

**Proposal Total: \$ 71,100.00**

### Proposal includes:

Prevailing Wages

F&I 125KW Natural gas fired generator with standard enclosure

F&I Automatic transfer switch mounted in existing building

F&I concrete pad for generator and grounding as required per N.E.C.

F&I install conduit and wiring to tie new generator and transfer switch into existing service

F&I connection to natural gas meter, provided by others at the location of new generator pad

Provide required openings in existing wall for generator feeders

Patch and seal required openings in existing wall

Provide trenching, backfill, and required concrete

### Proposal Excludes:

Sales Tax

Permit Fees

Premium Time

If I can be of any assistance please do not hesitate to contact me.

Sincerely,

*Ken Bombard*

Ken Bombard

Estimator

Systems Contracting Inc.

*Specializing in Electrical Design Build Systems*



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2020-450-10		
Project Title:	New Treatment Well 17A - Construction		
Category:			
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase 3 of 3

**Description:**

Construction of new green sand filtration plant for Well 17A.

**Benefits of Project and Impact if Not Completed:**

Increase water production adding approx. 350,000 gal water per day. This will ease the burden on the Surface Water Treatment Plant.

**Discuss Operating Budget Impact:**

The operating budget impact for this project would be \$8,000,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$8,000,000	\$8,000,000					<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$8,000,000</b>	<b>\$8,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$8,000,000</b>	<b>\$8,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

2021-450-2

\$ 420,000.0

Capital Improvement Plan

Item	Project Description	Financing Source	Interest Rate	Estimated Cost	Cost Year	Debt Year
		Rate	N/A	\$ 51,000	2018	2020
32	Repairs to Water Treatment Plant	Debt	2%	\$ 8,000,000	2018	2022
33	New Treatment Well 17A (construction)					



TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2020-450-11		
Project Title:	Mini Excavator with trailer		
Category:			
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_3 of 3

Description:

Purchase of mini excavator for water main breaks and pipe replacements.

Benefits of Project and Impact if Not Completed:

Allows crews to immediately respond to breaks without having to seek rental equipment or pay fr outside contractors. Unit is nimble enough to allow use in tight areas and strong enough for the type of excavation needed in many situations.

Discuss Operating Budget Impact:

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$70,000	\$70,000					<input checked="" type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
TOTAL	\$70,000	\$70,000	\$0	\$0	\$0	\$0	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
Net of CPA and Grants	\$70,000	\$70,000	\$0	\$0	\$0	\$0

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/26/18

Date of Last Edit:

Project Number:	2020-450-9		
Project Title:	10 Yr Meter replacement cycle program		
Category:	Equipment		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty
Project is:	New [ ]	Recurring [ x ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

**Description:**

Ten year meter replacement program is to replace old and damaged meters that are not capturing all water usage. Replacements are e-coder (transmitter) radio read meters. They are more accurate and store 99 days of water usage history. This is helpful in diagnosing high water bill complaints.

**Benefits of Project and Impact if Not Completed:**

Replacement of the old water meters with intergrated e-coder meters benefits the consumer as well as the town. The new meters are more accurate, do not require a touch pad on the outside of the home, can store past usage data, and are less labor intensive. The e-coders drastically reduce time spent installing as well as reading meters.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$180,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$180,000	\$180,000				
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

2020-450-9

# Ti SALES

**WATER and WASTEWATER SUPPLIES**  
 36 Hudson Road (Route 27) Sudbury, MA 01778-2039  
 Phone: 978-443-2002 800-225-4616  
 Fax: 978-443-7600 www.tisales.com

Invoice	INV0092866
Invoice Date	06/21/2018
Ship Date	06/21/2018
Order Date	06/20/2018
Customer PO	SEAN*

**Sold To:** Scituate Water Division  
 4 Old Oaken Bucket Rd.  
 Scituate MA 02066-4431

**Ship To:** Scituate Water Division  
 4 Old Oaken Bucket Rd.  
 Scituate MA 02066-4431

Customer Number	Order Method	Job Location	Job Name	Territory Manager		
SCIT4	Ordered by Sean			Joe Coulter		
Terms	Freight	Shipping Method		Master Number		
NET 30	Allowed	UPS Ground		279327		
Item Number	Description	Ordered	Shipped	Backord	Price	Extension
N2E1FPIT	5/8" X 3/4" Neptune T-10 Meter Integrated E-Coder R9001 Cubic Feet  <i>Price Increase Next                      Year - Contact us.                      Est. \$225.00/meter                      10% of meters per year                      800 x 225.00 =                      180,000.00</i>  120140840366003529 120140840366148730 120140840366959346	60	60		\$211.15	\$12,669.00
Order Taken By: Bob Soar					Merchandise	\$12,669.00
					Other Charges	\$0.00
					Tax	\$0.00
					Total Due	\$12,669.00



Visit our website @ [tisales.com](http://tisales.com)

Invoice



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit: \_\_\_\_\_

Project Number:	2020-450-7		
Project Title:	West End Well Investigation		
Category:	Engineering/Design		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring     Resubmission

                  Multiyear     Phase \_\_\_ of \_\_\_

**Description:**

Explore the potential to tap into a groundwater source separate from our existing wells in the West End.

**Benefits of Project and Impact if Not Completed:**

Potential expansion of drinking well water resources.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$300,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$300,000	\$300,000				
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

2020-450-7

Sean Anderson

From: Michael J. Schrader <MJSchrader@tigheBond.com>  
Sent: Friday, September 28, 2018 12:00 PM  
To: Sean Anderson  
Cc: John N. McClellan  
Subject: [NOTICE] budget input

After our phone call I went through the items with John. Honestly we're not going to have much time to spend on that because we are focused on the OOB, model, etc. but this is what we were thinking

1. 18B treatment – use same budget number as 17A \$8m. hopefully less once we get into it
2. Engineering and Design, new WTP and SCADA - \$4.0 is good
3. West End Well investigation – 300K should be good
4. Chem upgrades at wells, assume \$450K per each to be conservative based upon OOB
5. West End Well – I'm waiting to hear back from some others relative to recent projects. Will forward when I get it.

Michael J. Schrader, P.E. | Project Manager  
Tighe & Bond | One University Avenue | Westwood, MA 02090 | 781.708.9824 (direct) | 978.761.6380(cell)  
For conference call dial 1-605-475-5602 then 3999643903 followed by the pound sign



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2021-450-1		
Project Title:	Replace Water Mains (Galv pipe replacement) Phase 4		
Category:			
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty
Project is:	New [ ]	Recurring [ X ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

**Description:**

Replace all undersized old, galvanized Iron water mains.

**Benefits of Project and Impact if Not Completed:**

Increased fire protection and improved water quality. Many of these targeted streets have frequent breaks and require ongoing repairs.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$2,300,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$2,300,000		\$2,300,000			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$2,300,000</b>	<b>\$0</b>	<b>\$2,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$2,300,000</b>	<b>\$0</b>	<b>\$2,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

2018-436-1

Town of Scituate, MA  
 Capital Improvement Plan - Main Replacement Program for 2018/2019 (Phases 3C & 4)  
 Weston & Sampson  
 August 16, 2018

	Footage	Engineering & Contingency	Construction	TOTAL
<b>Cast Iron Pipe Replacement (Phase 3C)</b>				
Collier Avenue (Already Done)				
Pegotty Beach Road (Was cleaned and lined)	3,390 \$	112,548 \$	678,000 \$	790,548
Oceanside Drive				
<b>Totals:</b>	<b>3,390 \$</b>	<b>112,548 \$</b>	<b>678,000 \$</b>	<b>790,548</b>

	Footage	Engineering & Contingency	Construction	TOTAL
<b>CI Pipe Abandonment/Service Transfer (Phase 3C)</b>				
Booth Hill Road	1,920 \$	33,024 \$	76,800 \$	109,824
Gannett Road	7,300 \$	125,560 \$	292,000 \$	417,560
Kent Street (Already Done)				
Mann Lot Road	2,290 \$	39,388 \$	91,600 \$	130,988
Ocean Avenue	2,250 \$	38,700 \$	90,000 \$	128,700
Turner Road	3,500 \$	60,200 \$	140,000 \$	200,200
<b>Totals:</b>	<b>17,260 \$</b>	<b>296,872 \$</b>	<b>690,400 \$</b>	<b>987,272</b>

	Footage	Engineering & Contingency	Construction	TOTAL
<b>2-Inch Galvanized Iron Replacement (Phase 4)</b>				
Bonnie Briar Circle	150 \$	4,980 \$	30,000 \$	34,980
Bradford Avenue	1,050 \$	34,860 \$	210,000 \$	244,860
Brown Road	400 \$	13,280 \$	80,000 \$	93,280
Cedarwood Road	220 \$	7,304 \$	44,000 \$	51,304
Chittenden Road	1,000 \$	33,200 \$	200,000 \$	233,200
Claymore Terrace	260 \$	8,632 \$	52,000 \$	60,632
Crickit Circle	490 \$	16,268 \$	98,000 \$	114,268
Drew Place	410 \$	13,612 \$	82,000 \$	95,612
Foam Road	610 \$	20,252 \$	122,000 \$	142,252
Greenfield Terrace	750 \$	24,900 \$	150,000 \$	174,900
Hornbeam Road	600 \$	19,920 \$	120,000 \$	139,920
Jericho Lane	460 \$	15,272 \$	92,000 \$	107,272
Lantern Lane	250 \$	8,300 \$	50,000 \$	58,300
Lantern Lane	240 \$	7,968 \$	48,000 \$	55,968
Pine Brook Lane	300 \$	9,960 \$	60,000 \$	69,960
Rainbow Court	340 \$	11,288 \$	68,000 \$	79,288
Sassamon Road	340 \$	10,956 \$	66,000 \$	76,956
Studley Royal Road	180 \$	5,976 \$	36,000 \$	41,976
Westgate Lane	290 \$	9,628 \$	58,000 \$	67,628
Wood Avenue	280 \$	9,296 \$	56,000 \$	65,296
Youngs Lane	280 \$	9,296 \$	56,000 \$	65,296
<b>Totals:</b>	<b>8,610 \$</b>	<b>285,852 \$</b>	<b>1,722,000 \$</b>	<b>2,007,852</b>

	Footage	Engineering & Contingency	Construction	TOTAL
<b>Humarock Pipe Replacement with 8" PVC (Phase 4)</b>				
Vaults and PRV's (2)		\$	123,500 \$	123,500
PALFREY STREET	289 \$	8,717 \$	49,067 \$	57,784
BRUNSWICK STREET	428 \$	12,934 \$	72,810 \$	85,744
RIVER STREET	164 \$	4,961 \$	27,924 \$	32,885
CENTRAL AVENUE	6356 \$	191,956 \$	1,080,548 \$	1,272,505
RIVER STREET	832 \$	25,121 \$	141,410 \$	166,531
JULIAN STREET	179 \$	5,410 \$	30,452 \$	35,862
MARSHFIELD AVENUE EASEMENT	340 \$	10,275 \$	57,838 \$	68,113
LOWELL STREET EASEMENT	322 \$	9,738 \$	54,817 \$	64,555
OLD MOUTH ROAD	505 \$	15,244 \$	85,809 \$	101,052
OLD MOUTH ROAD	579 \$	17,481 \$	98,401 \$	115,882
CLIFF ROAD SOUTH	4339 \$	131,034 \$	737,611 \$	868,645
CENTRAL AVENUE	623 \$	18,801 \$	105,832 \$	124,633
DARTMOUTH STREET EASEMENT	268 \$	8,094 \$	45,560 \$	53,653
CENTRAL AVENUE	670 \$	20,247 \$	113,974 \$	134,221
CENTRAL AVENUE	331 \$	10,004 \$	56,315 \$	66,320
MANCHESTER STREET EASEMENT	335 \$	10,132 \$	57,034 \$	67,166
ALDEN AVENUE	225 \$	6,789 \$	38,218 \$	45,008
OCEAN DRIVE	1709 \$	51,604 \$	290,487 \$	342,091
RIVER STREET	525 \$	15,841 \$	89,172 \$	105,013
RIVER STREET	1166 \$	35,204 \$	198,166 \$	233,370
PALFREY STREET	252 \$	7,615 \$	42,868 \$	50,483
POSTSCRIPT LANE	501 \$	15,123 \$	85,130 \$	100,254
MANCHESTER STREET	274 \$	8,280 \$	46,610 \$	54,890
JULIAN STREET	426 \$	12,854 \$	72,356 \$	85,210
RIVER ROAD	50 \$	1,524 \$	8,580 \$	10,105
RIVER STREET	1715 \$	51,786 \$	291,509 \$	343,295
TEMPLE WAY EASEMENT	333 \$	10,067 \$	56,671 \$	66,738
MARSHFIELD AVENUE	275 \$	8,313 \$	46,797 \$	55,110
<b>Totals:</b>	<b>24,012 \$</b>	<b>737,499 \$</b>	<b>4,205,467 \$</b>	<b>4,942,967</b>

Grand Totals: 53,272 \$      1,432,771 \$      7,295,867 \$      8,728,639

Construction Contingency  
 172,200  
 Engineering Phase 5  
 110,000  
 = 2,299,000  
 2,300,000

**Town of Scituate, MA**  
**Capital Improvement Plan - Main Replacement Program**  
**For 2018/2019/2020 (Phases 3C, 4 & 5)**  
**Prepared by Weston & Sampson - August 24, 2018**

<b>Cast Iron Pipe Replacement (Phase 3C)</b>		
	<b>Footage</b>	<b>Construction</b>
Oceanside Drive	3,390	\$ 542,400
<b>Totals:</b>	<b>3,390</b>	<b>\$ 542,400</b>
<b>CI Pipe Abandonment/Service Transfer (Phase 3C)</b>		
	<b>Footage</b>	<b>Construction</b>
Booth Hill Road	1,920	\$ 61,440
Gannett Road	7,300	\$ 233,600
Mann Lot Road	2,290	\$ 73,280
Ocean Avenue	2,250	\$ 72,000
Turner Road	3,500	\$ 112,000
<b>Totals:</b>	<b>17,260</b>	<b>\$ 552,320</b>
<b>2-inch Galvanized Iron Replacement (Phase 4)</b>		
	<b>Footage</b>	<b>Construction</b>
Bonnie Briar Circle	150	\$ 24,000
Bradford Avenue	1,050	\$ 168,000
Brown Road	400	\$ 64,000
Cedarwood Road	220	\$ 35,200
Chittenden Road	1,000	\$ 160,000
Claymore Terrace	260	\$ 41,600
Cricket Circle	490	\$ 78,400
Drew Place	410	\$ 65,600
Foam Road	610	\$ 97,600
Greenfield Terrace	750	\$ 120,000
Hornbeam Road	600	\$ 96,000
Jericho Lane	460	\$ 73,600
Lantern Lane	250	\$ 40,000
Pine Brook Lane	240	\$ 38,400
Rainbow Court	300	\$ 48,000
Sassamon Road	340	\$ 54,400
Studley Royal Road	330	\$ 52,800
Westgate Lane	180	\$ 28,800
Wood Avenue	290	\$ 46,400
Youngs Lane	280	\$ 44,800
<b>Totals:</b>	<b>8,610</b>	<b>\$ 1,377,600</b>

<b>Humarock Pipe Replacement with 8" PVC (Phase 5)</b>	<b>Footage</b>	<b>Construction</b>
Vaults and PRV's (2)		\$ 123,500
PALFREY STREET	289	\$ 39,254
BRUNSWICK STREET	428	\$ 58,248
RIVER STREET	164	\$ 22,339
CENTRAL AVENUE	6356	\$ 864,439
RIVER STREET	832	\$ 113,128
JULIAN STREET	179	\$ 24,362
MARSHFIELD AVENUE EASMENT	340	\$ 46,271
LOWELL STREET EASEMENT	322	\$ 43,854
OLD MOUTH ROAD	505	\$ 68,647
OLD MOUTH ROAD	579	\$ 78,721
CLIFF ROAD SOUTH	4339	\$ 590,089
CENTRAL AVENUE	623	\$ 84,665
DARTMOUTH STREET EASEMENT	268	\$ 36,448
CENTRAL AVENUE	670	\$ 91,179
CENTRAL AVENUE	331	\$ 45,052
MANCHESTER STREET EASEMENT	335	\$ 45,627
ALDEN AVENUE	225	\$ 30,575
OCEAN DRIVE	1709	\$ 232,390
RIVER STREET	525	\$ 71,338
RIVER STREET	1166	\$ 158,533
PALFREY STREET	252	\$ 34,294
POSTSCRIPT LANE	501	\$ 68,104
MANCHESTER STREET	274	\$ 37,288
JULIAN STREET	426	\$ 57,885
RIVER ROAD	50	\$ 6,864
RIVER STREET	1715	\$ 233,208
TEMPLE WAY EASEMENT	333	\$ 45,336
MARSHFIELD AVENUE	275	\$ 37,437
<b>Totals:</b>	<b>24,012</b>	<b>\$ 3,389,074</b>
<b>Construction Total:</b>	<b>53,272</b>	<b>\$ 5,861,394</b>
<b>Construction Contingency</b>	<b>10%</b>	<b>\$ 586,139</b>
<b>Construction Services</b>	<b>10%</b>	<b>\$ 586,139</b>
<b>Police</b>	<b>6%</b>	<b>\$ 351,684</b>
<b>GRAND TOTAL</b>		<b>\$ 7,385,356</b>





TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2016

Capital Improvement Program: FY2020 - FY2024

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2021-450-5		
Project Title:	Humarock Water Mains		
Category:	Engineering/Construction		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

Description:

Upgrade and replace critical water infrastructure. The mains in this area require repeated repair and have far exceeded life expectancy.

Benefits of Project and Impact if Not Completed:

Drastically reduce unaccounted for water in the Humarock area. This will result in fewer disruptions to service and potential cost savings as we purchase this water from the Town of Marshfield Water Dept.

Discuss Operating Budget Impact:

The operating budget impact of this project would be \$5,500,000.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$4,700,000		\$4,700,000			
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$4,700,000</b>	<b>\$0</b>	<b>\$4,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Funding Source(s)  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$4,700,000</b>	<b>\$0</b>	<b>\$4,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**Town of Scituate, MA**  
**Capital Improvement Plan - Main Replacement Program**  
**For 2018/2019/2020 (Phases 3C, 4 & 5)**  
**Prepared by Weston & Sampson - August 24, 2018**

<b>Cast Iron Pipe Replacement (Phase 3C)</b>	<b>Footage</b>	<b>Construction</b>
Oceanside Drive	3,390	\$ 542,400
<b>Totals:</b>	<b>3,390</b>	<b>\$ 542,400</b>
<b>CI Pipe Abandonment/Service Transfer (Phase 3C)</b>	<b>Footage</b>	<b>Construction</b>
Booth Hill Road	1,920	\$ 61,440
Gannett Road	7,300	\$ 233,600
Mann Lot Road	2,290	\$ 73,280
Ocean Avenue	2,250	\$ 72,000
Turner Road	3,500	\$ 112,000
<b>Totals:</b>	<b>17,260</b>	<b>\$ 552,320</b>
<b>2-inch Galvanized Iron Replacement (Phase 4)</b>	<b>Footage</b>	<b>Construction</b>
Bonnie Briar Circle	150	\$ 24,000
Bradford Avenue	1,050	\$ 168,000
Brown Road	400	\$ 64,000
Cedarwood Road	220	\$ 35,200
Chittenden Road	1,000	\$ 160,000
Claymore Terrace	260	\$ 41,600
Cricket Circle	490	\$ 78,400
Drew Place	410	\$ 65,600
Foam Road	610	\$ 97,600
Greenfield Terrace	750	\$ 120,000
Hornbeam Road	600	\$ 96,000
Jericho Lane	460	\$ 73,600
Lantern Lane	250	\$ 40,000
Pine Brook Lane	240	\$ 38,400
Rainbow Court	300	\$ 48,000
Sassamon Road	340	\$ 54,400
Studley Royal Road	330	\$ 52,800
Westgate Lane	180	\$ 28,800
Wood Avenue	290	\$ 46,400
Youngs Lane	280	\$ 44,800
<b>Totals:</b>	<b>8,610</b>	<b>\$ 1,377,600</b>

<b><i>Humarock Pipe Replacement with 8" PVC (Phase 5)</i></b>	<b><i>Footage</i></b>	<b><i>Construction</i></b>
Vaults and PRV's (2)		\$ 123,500
PALFREY STREET	289	\$ 39,254
BRUNSWICK STREET	428	\$ 58,248
RIVER STREET	164	\$ 22,339
CENTRAL AVENUE	6356	\$ 864,439
RIVER STREET	832	\$ 113,128
JULIAN STREET	179	\$ 24,362
MARSHFIELD AVENUE EASMENT	340	\$ 46,271
LOWELL STREET EASEMENT	322	\$ 43,854
OLD MOUTH ROAD	505	\$ 68,647
OLD MOUTH ROAD	579	\$ 78,721
CLIFF ROAD SOUTH	4339	\$ 590,089
CENTRAL AVENUE	623	\$ 84,665
DARTMOUTH STREET EASEMENT	268	\$ 36,448
CENTRAL AVENUE	670	\$ 91,179
CENTRAL AVENUE	331	\$ 45,052
MANCHESTER STREET EASEMENT	335	\$ 45,627
ALDEN AVENUE	225	\$ 30,575
OCEAN DRIVE	1709	\$ 232,390
RIVER STREET	525	\$ 71,338
RIVER STREET	1166	\$ 158,533
PALFREY STREET	252	\$ 34,294
POSTSCRIPT LANE	501	\$ 68,104
MANCHESTER STREET	274	\$ 37,288
JULIAN STREET	426	\$ 57,885
RIVER ROAD	50	\$ 6,864
RIVER STREET	1715	\$ 233,208
TEMPLE WAY EASEMENT	333	\$ 45,336
MARSHFIELD AVENUE	275	\$ 37,437
	<b><i>Totals:</i></b>	<b><i>24,012 \$ 3,389,074</i></b>
<b>Construction Total:</b>	<b>53,272</b>	<b>\$ 5,861,394</b>
<b>Construction Contingency</b>	<b>10%</b>	<b>\$ 586,139</b>
<b>Construction Services</b>	<b>10%</b>	<b>\$ 586,139</b>
<b>Police</b>	<b>6%</b>	<b>\$ 351,684</b>
<b>GRAND TOTAL</b>		<b>\$ 7,385,356</b>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/26/18

Date of Last Edit:

Project Number:	2021-450-4	
Project Title:	10 Yr Meter replacement cycle program	
Category:	Equipment	
Department:	Water	Contact: Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ x ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Ten year meter replacement program is to replace old and damaged meters that are not capturing all water usage. Replacements are e-coder (transmitter) radio read meters. They are more accurate and store 99 days of water usage history. This is helpful in diagnosing high water bill complaints.

**Benefits of Project and Impact if Not Completed:**

Replacement of the old water meters with intergrated e-coder meters benefits the consumer as well as the town. The new meters are more accurate, do not require a touch pad on the outside of the home, can store past usage data, and are less labor intensive. The e-coders drastically reduce time spent installing as well as reading meters.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$180,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$180,000		\$180,000			
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$180,000</b>	<b>\$0</b>	<b>\$180,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$180,000</b>	<b>\$0</b>	<b>\$180,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

2011-450-4



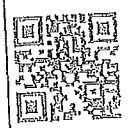
**WATER and WASTEWATER SUPPLIES**  
 36 Hudson Road (Route 27) Sudbury, MA 01776-2039  
 Phone: 978-443-2002 800-225-4616  
 Fax: 978-443-7800 www.tfsales.com

Invoice	INV0092866
Invoice Date	06/21/2018
Ship Date	06/21/2018
Order Date	06/20/2018
Customer PO	SEAN*

Sold To: Scituate Water Division  
 4 Old Oaken Bucket Rd.  
 Scituate MA 02066-4431

Ship To: Scituate Water Division  
 4 Old Oaken Bucket Rd.  
 Scituate MA 02066-4431

Customer Number	Order Method	Job Location	Job Name	Territory Manager		
SCIT4	Ordered by Sean			Joe Coulter		
Terms	Freight	Shipping Method		Master Number		
NET 30	Allowed	UPS Ground		279327		
Item Number	Description	Ordered	Shipped	Backord	Price	Extension
N2EIFPIT	5/8" X 3/4" Neptune T-10 Meter Integrated E-Coder R9001 Cubic Feet  Price \$211.15 Qty 60 Total \$12,669.00  120140840366003529 120140840366148730 120140840366959346	60	60		\$211.15	\$12,669.00
Order Taken By: Bob Soar		Merchandise			\$12,669.00	
		Other Charges			\$0.00	
		Tax			\$0.00	
		Total Due			\$12,669.00	



Visit our website @ [tfsales.com](http://tfsales.com)



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2021-450-3	
Project Title:	Replace Truck #35 2008 Chevy Silverado Pick-up	
Category:		
Department:	Water	Contact: Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [X ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace 2008 Chev Silverado pick-up, truck 35, with new 4x4 Utility Body Truck with snow plow. The expected useful life of a medium duty truck depends upon type of daily use. The average lifespan for an average medium duty truck is 5 to 8 years according to the MN State DOT recommended guidelines. Truck 35 has been in service for 13+ years and has accumulated 200,000+ miles.

**Benefits of Project and Impact if Not Completed:**

This truck must be replaced as it is used daily in the field to carry tools and equipment to the work site

The replacement of this truck will include 4-wheel drive and a snow plow. These two enhancements will increase safety, reliability, and add another vehicle to the Town's snow plowing resources thereby decreasing dependency on outside contractors.

**Discuss Operating Budget Impact:**

The operating budget impact of a new truck would be \$53,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$53,000		\$53,000				<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$53,000</b>	<b>\$0</b>	<b>\$53,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0						<b>CPA Purpose(s)</b> Check all that apply <input type="checkbox"/> Open Space <input type="checkbox"/> Recreation <input type="checkbox"/> Historical <input type="checkbox"/> Housing
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$53,000</b>	<b>\$0</b>	<b>\$53,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

<b>Operating Budget Impact</b>							
During Project	\$0						
Post-Project Annual							
Post-Project One-time	\$0						

2021-750 3

SOBA NEW FORD CREDIT SERVICE  
781-948-1211 FAX 781-948-9657

DATE 08/02/18  
DEAL # 86703

SELL TO:  
ADDRESS  
TOWN OF SCITUATE DPW  
600 CHIEF JUSTICE CUSHING HWY  
SCITUATE MA 02066

INVOICE NO.  
101377

CUST. NO.		STOCK NO.		YEAR-MAKE	MODEL	NEW OR USED	SERIAL NO.	KEY NO.	SALESMAN
8457		1270012		2018	CHEVROLET TRUCK	SILVERADO 35	NEW	18851YCGS1031007	

- INSURANCE COVERAGE INCLUDES
- FIRE AND THEFT
  - COLLISION - AMT. DEDUCT.
  - PUBLIC LIABILITY - AMT.
  - PROPERTY DAMAGE - AMT.

OPTIONAL EQUIPMENT AND ACCESSORIES

GROUP	DESCRIPTION	PRICE
-------	-------------	-------

PRICE OF CAR	51000.00
FREIGHT AND HANDLING	
OPTIONAL EQUIP. & ACCESS	
SALES TAX	
LICENSE AND TITLE	
TOTAL CASH PRICE	51000.00
FINANCING	
INSURANCE	
TOTAL TIRES PRICE	51000.00
SETTLEMENT:	
DEPOSIT	
CASH ON DELIVERY	51000.00
USED CAR:	
TYPE	
SERIAL NO.	
ENGINE NO.	
PAYMENTS:	
TOTAL	51000.00

ALWAYS SHOW SERIAL, ENGINE AND KEY NUMBERS

35# 53,000  
2021



3-5



TOWN OF SCITUATE  
DEPARTMENT OF PUBLIC WORKS  
WATER DIVISION

2500 HD

2008 Chev Colorado

mileage: 149,047

11-4-16





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2022-450-5		
Project Title:	Replace #38 2008 Chevy Colorado Pick-up		
Category:	Equipment		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ X ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace 2008 Chev Colorado pick-up, truck 38, with new 4x4 Utility Body Truck with snow plow. The expected useful life of a medium duty truck depends upon type of daily use. The average lifespan for an average medium duty truck is 5 to 8 years according to the MN State DOT recommended guidelines. Truck 38 has been in service for 14+ years and has accumulated 150,000+ miles.

**Benefits of Project and Impact if Not Completed:**

This truck must be replaced as it is used daily in the field to carry tools and equipment to the work site.

The replacement of this truck will include 4-wheel drive and a snow plow. These two enhancements will increase safety, reliability, and add another vehicle to the Town's snow plowing resources thereby decreasing dependency on outside contractors.

**Discuss Operating Budget Impact:**

The operating budget impact of a new truck would be \$57,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$53,000			\$57,000		
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$53,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$57,000</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0				
CPA Amount Requested	\$0				
<b>Net of CPA and Grants</b>	<b>\$53,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$57,000</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				

787-450-5  
7077-450-8 S

NO. OF BILLS TO BE PAID BY BUYER 3  
181-242-1214 FAX 1-246-8537

DATE 08/02/18  
DEAL # 86703

SOLD TO:  
ADDRESS

TOWN OF SCITUATE DPW  
600 CHIEF JUSTICE CUSHING HWY  
SCITUATE MA 02066

INVOICE NO.

100078

SALESMAN

KEVIN NUGENT

CUST. NO.	STOCK NO.	YEAR-MAKE	MODEL	NEW OR USED	SERIAL NO.	KEY NO.	SALESMAN
8437	1873506	2018	CHEVROLET TRUCK SILVERADO 35	NEW	0954708832301230		51000.00

INSURANCE COVERAGE INCLUDES

- FIRE AND THEFT
- COLLISION - AMT. DEDUCT.
- PUBLIC LIABILITY - AMT.
- PROPERTY DAMAGE - AMT.

OPTIONAL EQUIPMENT AND ACCESSORIES

GROUP	DESCRIPTION	PRICE

PRICE OF CAR  
FREIGHT AND HANDLING  
OPTIONAL EQUIP. & ACCESS.

SALES TAX  
LICENSE AND TITLE  
TOTAL CASH PRICE

FINANCING  
INSURANCE  
TOTAL TIME PRICE

SETTLEMENT:

DEPOSIT  
CASH ON DELIVERY  
USED CAR:  
TYPE  
SERIAL NO.  
ENGINE NO.  
PAYMENTS:

TOTAL 51000.00

ALWAYS SHOW SERIAL, ENGINE AND KEY NUMBERS

\$ 37,000

Replace Truck #38  
2022 year

3-8



TOWN OF SCITUATE  
DEPARTMENT OF PUBLIC WORKS  
WATER DIVISION





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_ 9/27/18

Date of Last Edit:

Project Number:	2022-450-1	
Project Title:	New Treatment Plant	
Category:	Construction	
Department:	Water	Contact: Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ X ]    Recurring [ ]    Resubmission [ ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Construction of new Surface Water Treatment Plant utilizing the current reservoir with added capacity to treat water from wells 17A and 18B as needed.

**Benefits of Project and Impact if Not Completed:**

An new plant provides Increased capacity to meet the needs of a growing community. Will provide required redundancy, updated technology and ensure a safe work environment. The much needed improvement will satisfy all current DEP and EPA requirements.

**Discuss Operating Budget Impact:**

Ongoing debt service.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$25,000,000			\$25,000,000			<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$25,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,000,000</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other _Clean Water Tr

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$25,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,000,000</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2022-450-2	
Project Title:	New Water Tank	
Category:	Design/Construction	
Department:	Water	Contact: Sean Anderson/Kevin Cafferty

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New	<input checked="" type="checkbox"/>	Recurring	<input type="checkbox"/>	Resubmission	<input type="checkbox"/>
	Multiyear	<input type="checkbox"/>	Phase	___ of ___		

**Description:**

New water storage tank to augment existing water storage tanks.

**Benefits of Project and Impact if Not Completed:**

This proposed 2M gallon water storage tank will increase both domestic & fire flow protection as well as allow for routine maintenance of existing storage tanks.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$2,300,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$324,000			\$324,000			<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$1,976,000			\$1,976,000			<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
							<input type="checkbox"/> CPA
<b>TOTAL</b>	<b>\$2,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,300,000</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0						CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0						
Net of CPA and Grants	\$2,300,000	\$0	\$0	\$2,300,000	\$0	\$0	

<b>Operating Budget Impact</b>							
During Project	\$0						<input type="checkbox"/> Open Space
							<input type="checkbox"/> Recreation
Post-Project Annual							<input type="checkbox"/> Historical
Post-Project One-time	\$0						<input type="checkbox"/> Housing

2022-450-2

New Tank (from Statewide Aqua store)	\$1,370,000.00
Site work	\$250,000.00
Engineering	\$324,000.00
Sub Total	\$1,944,000.00
Contingency / Inflation (15%)	\$291,600.00
Total	\$2,235,600.00
Requesting	\$2,300,000.00



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_ 9/27/18

Date of Last Edit:

Project Number:	2022-450-3		
Project Title:	Replace Water Mains Phase 5		
Category:	Construction		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ X ]    Resubmission [ ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace the oldest and/or most problematic water mains in town. New Ductile Iron water mains have an expected useful life of 75+ years. With 124 miles of water main in the ground replacing just one mile per year will take 124 years to replace entire system.

**Benefits of Project and Impact if Not Completed:**

Replacing smaller quantities of water main each year can avoid costly larger projects and the disruptions they can cause. This will improve water quality and reduce the number of leaks resulting in cost savings to the town. Replacing smaller diameter water mains with larger ones also increases fire protection.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$1,100,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$1,100,000			\$1,100,000		
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$1,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,100,000</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$1,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,100,000</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

**Town of Scituate, MA**  
**Capital Improvement Plan - Main Replacement Program**  
**For 2018/2019/2020 (Phases 3C, 4 & 5)**  
**Prepared by Weston & Sampson - August 24, 2018**

<b>Cast Iron Pipe Replacement (Phase 3C)</b>	<b>Footage</b>	<b>Construction</b>
Oceanside Drive	3,390	\$ 542,400
<b>Totals:</b>	<b>3,390</b>	<b>\$ 542,400</b>
<b>CI Pipe Abandonment/Service Transfer (Phase 3C)</b>	<b>Footage</b>	<b>Construction</b>
Booth Hill Road	1,920	\$ 61,440
Gannett Road	7,300	\$ 233,600
Mann Lot Road	2,290	\$ 73,280
Ocean Avenue	2,250	\$ 72,000
Turner Road	3,500	\$ 112,000
<b>Totals:</b>	<b>17,260</b>	<b>\$ 552,320</b>
<b>2-inch Galvanized Iron Replacement (Phase 4)</b>	<b>Footage</b>	<b>Construction</b>
Bonnie Briar Circle	150	\$ 24,000
Bradford Avenue	1,050	\$ 168,000
Brown Road	400	\$ 64,000
Cedarwood Road	220	\$ 35,200
Chittenden Road	1,000	\$ 160,000
Claymore Terrace	260	\$ 41,600
Cricket Circle	490	\$ 78,400
Drew Place	410	\$ 65,600
Foam Road	610	\$ 97,600
Greenfield Terrace	750	\$ 120,000
Hornbeam Road	600	\$ 96,000
Jericho Lane	460	\$ 73,600
Lantern Lane	250	\$ 40,000
Pine Brook Lane	240	\$ 38,400
Rainbow Court	300	\$ 48,000
Sassamon Road	340	\$ 54,400
Studley Royal Road	330	\$ 52,800
Westgate Lane	180	\$ 28,800
Wood Avenue	290	\$ 46,400
Youngs Lane	280	\$ 44,800
<b>Totals:</b>	<b>8,610</b>	<b>\$ 1,377,600</b>



<b><i>Humarock Pipe Replacement with 8" PVC (Phase 5)</i></b>	<b><i>Footage</i></b>	<b><i>Construction</i></b>
Vaults and PRV's (2)	\$	123,500
PALFREY STREET	289 \$	39,254
BRUNSWICK STREET	428 \$	58,248
RIVER STREET	164 \$	22,339
CENTRAL AVENUE	6356 \$	864,439
RIVER STREET	832 \$	113,128
JULIAN STREET	179 \$	24,362
MARSHFIELD AVENUE EASMENT	340 \$	46,271
LOWELL STREET EASEMENT	322 \$	43,854
OLD MOUTH ROAD	505 \$	68,647
OLD MOUTH ROAD	579 \$	78,721
CLIFF ROAD SOUTH	4339 \$	590,089
CENTRAL AVENUE	623 \$	84,665
DARTMOUTH STREET EASEMENT	268 \$	36,448
CENTRAL AVENUE	670 \$	91,179
CENTRAL AVENUE	331 \$	45,052
MANCHESTER STREET EASEMENT	335 \$	45,627
ALDEN AVENUE	225 \$	30,575
OCEAN DRIVE	1709 \$	232,390
RIVER STREET	525 \$	71,338
RIVER STREET	1166 \$	158,533
PALFREY STREET	252 \$	34,294
POSTSCRIPT LANE	501 \$	68,104
MANCHESTER STREET	274 \$	37,288
JULIAN STREET	426 \$	57,885
RIVER ROAD	50 \$	6,864
RIVER STREET	1715 \$	233,208
TEMPLE WAY EASEMENT	333 \$	45,336
MARSHFIELD AVENUE	275 \$	37,437
<b><i>Totals:</i></b>	<b><i>24,012 \$</i></b>	<b><i>3,389,074</i></b>
<b>Construction Total:</b>	<b>53,272 \$</b>	<b>5,861,394</b>
<b>Construction Contingency</b>	<b>10% \$</b>	<b>586,139</b>
<b>Construction Services</b>	<b>10% \$</b>	<b>586,139</b>
<b>Police</b>	<b>6% \$</b>	<b>351,684</b>
<b>GRAND TOTAL</b>	<b>\$</b>	<b>7,385,356</b>

2022 450-3

New Water Main Approx. 1 mile  
Engineering for next phase  
Total  
Requesting

\$1,000,000.00  
\$100,000.00  
\$1,100,000.00  
\$1,100,000.00



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18 Date of Last Edit:

Project Number:	2022-450-4		
Project Title:	Reservoir Expansion		
Category:	Engineering/Design		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: New [ ] Recurring [ X ] Resubmission [ ]

Multiyear [ ] Phase \_\_\_ of \_\_\_

**Description:**

In 2014 the DPW completed a study funded by the Department of Environmental Protection (DEP) to increase the height of the Reservoir spillway by 18 inches. Tetra Tech Engineering developed the 30% design and is preparing a proposal to finalize the design and pursue permitting. In May of 2017 the town received a grant and Tetra Tech developed the 60% design and initial permitting. The next step is to complete the final engineering, design, permitting and construction management followed by the physical construction. This project would raise the reservoir approximately 18 to 24 inches. This equates to 35.45 million gallons or 28 days supply (winter usage) of drinking water.

**Benefits of Project and Impact if Not Completed:**

Increasing the volume of the reservoir will provide the town with approximately 28 additional days of water supply, further protecting the availability of water for the health and safety needs of its citizens. Past modeling indicate that higher reservoir levels will improve the flows to the Brook and ensure they can be provided on a more consistent basis, enhancing our ability to meet Water Management Act (WMA) permit requirements. If this project is not funded and we continue to endure dry summers we may be instituting stricter water bans more often to ensure we have an adequate supply of drinking water for domestic and fire protection.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$1,790,000.00.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$1,790,000			\$1,790,000			<input checked="" type="checkbox"/> Tax Levy <input checked="" type="checkbox"/> Debt
Land Acquisition	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Construction	\$0						<input type="checkbox"/> Capital Stabilization
Equipment/Furnishings	\$0						<input type="checkbox"/> Free Cash
Contingency	\$0						<input type="checkbox"/> Revolving Fund
Other	\$0						<input type="checkbox"/> CPA
<b>TOTAL</b>	<b>\$1,790,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,790,000</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0						CPA Purpose(s) Check all that apply
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$1,790,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,790,000</b>	<b>\$0</b>	<b>\$0</b>	

<b>Operating Budget Impact</b>							
During Project	\$0						<input type="checkbox"/> Open Space <input type="checkbox"/> Recreation <input type="checkbox"/> Historical <input type="checkbox"/> Housing
Post-Project Annual							
Post-Project One-time	\$0						

## PROJECT COSTS

	<u>2017</u>	<u>2014</u>
Contractor Mob/Demob	\$ 111,000	\$ 61,000
Temporary Construction Facilities	\$ 31,000	\$ 28,000
Spillway Modifications	\$ 704,000	\$ 273,000
Fishway Modifications	\$ 239,000	\$ 188,000
Infrastructure Upgrades	<u>\$ 131,000</u>	<u>\$ 123,000</u>
Subtotal	\$1,216,000	\$ 673,000
Contingency	<u>\$ 122,000</u>	<u>\$ 67,000</u>
Subtotal	\$1,333,000	\$ 740,000
Design and Permitting	\$ 353,000	\$ 89,000
Construction and Administration	<u>\$ 104,000</u>	<u>\$ 37,000</u>
Total Project	\$1,795,000 1,790,000	\$ 867,000



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_ 9/27/18

Date of Last Edit:

Project Number:	2022-450-6		
Project Title:	10 Yr Meter replacement cycle program		
Category:	Equipment		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ X ]    Resubmission [ X ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Ten year meter replacement program is to replace old and damaged meters that are not capturing all water usage. Replacements are e-coder (transmitter) radio read meters. They are more accurate and store 99 days of water usage history. This is helpful in diagnosing high water bill complaints.

**Benefits of Project and Impact if Not Completed:**

Replacement of the old water meters with intergrated e-coder meters benefits the consumer as well as the town. The new meters are more accurate, do not require a touch pad on the outside of the home, can store past usage data, and are less labor intensive. The e-coders drastically reduce time spent installing as well as reading meters.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$185,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$920,000	\$180,000	\$180,000	\$185,000	\$185,000	\$190,000	<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings							<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$920,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$185,000</b>	<b>\$185,000</b>	<b>\$190,000</b>	<input type="checkbox"/> CPA <input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$920,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$185,000</b>	<b>\$185,000</b>	<b>\$190,000</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

2012-756-6



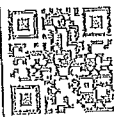
**WATER and WASTEWATER SUPPLIES**  
 36 Hudson Road (Route 27) Sudbury, MA 01776-2039  
 Phone: 978-443-2002 800-225-4616  
 Fax: 978-443-7600 www.tisales.com

Invoice	INV0092866
Invoice Date	06/21/2018
Ship Date	06/21/2018
Order Date	06/20/2018
Customer PO	SEAN*

Sold To: Scituate Water Division  
 4 Old Oaken Bucket Rd.  
 Scituate MA 02066-4431

Ship To: Scituate Water Division  
 4 Old Oaken Bucket Rd.  
 Scituate MA 02066-4431

Customer Number	Order Method	Job Location	Job Name	Territory Manager		
SCIT4	Ordered by Sean			Joe Coulter		
Terms	Freight	Shipping Method		Master Number		
NET 30	Allowed	UPS Ground		279327		
Item Number	Description	Ordered	Shipped	Backord	Price	Extension
N2EPPIT	5/8" X 3/4" Neptune T-10 Meter Integrated E-Coder R9001 Cubic Feet  <i>Requesting 183,000</i>	60	60		\$211.15	\$12,669.00
Order Taken By: Bob Soar				Merchandise	\$12,669.00	
				Other Charges	\$0.00	
				Tax	\$0.00	
				Total Due	\$12,669.00	



Visit our website @ [tisales.com](http://tisales.com)

Invoice



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2023-450-3		
Project Title:	Replace Water Mains Phase 6		
Category:	Construction		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ X ]    Resubmission [ ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace the oldest and/or most problematic water mains in town. New Ductile Iron water mains have an expected useful life of 75+ years. With 124 miles of water main in the ground replacing just one mile per year will take 124 years to replace entire system.

**Benefits of Project and Impact if Not Completed:**

Replacing smaller quantities of water main each year can avoid costly larger projects and the disruptions they can cause. This will improve water quality and reduce the number of leaks resulting in cost savings to the town. Replacing smaller diameter water mains with larger ones also increases fire protection.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$1,200,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$1,200,000				\$1,200,000	
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,200,000</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,200,000</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

7003 450-3

New Water Main Approx. 1 mile  
Engineering for next phase  
Inflation / Contingency  
Total  
Requesting

\$1,000,000.00  
\$100,000.00  
\$100,000.00  
\$1,200,000.00  
\$1,200,000.00



**Town of Scituate, MA**  
**Capital Improvement Plan - Main Replacement Program**  
**For 2018/2019/2020 (Phases 3C, 4 & 5)**  
**Prepared by Weston & Sampson - August 24, 2018**

<b>Cast Iron Pipe Replacement (Phase 3C)</b>	<b>Footage</b>	<b>Construction</b>
Oceanside Drive	3,390	\$ 542,400
<b>Totals:</b>	<b>3,390</b>	<b>\$ 542,400</b>
<b>CI Pipe Abandonment/Service Transfer (Phase 3C)</b>	<b>Footage</b>	<b>Construction</b>
Booth Hill Road	1,920	\$ 61,440
Gannett Road	7,300	\$ 233,600
Mann Lot Road	2,290	\$ 73,280
Ocean Avenue	2,250	\$ 72,000
Turner Road	3,500	\$ 112,000
<b>Totals:</b>	<b>17,260</b>	<b>\$ 552,320</b>
<b>2-inch Galvanized Iron Replacement (Phase 4)</b>	<b>Footage</b>	<b>Construction</b>
Bonnie Briar Circle	150	\$ 24,000
Bradford Avenue	1,050	\$ 168,000
Brown Road	400	\$ 64,000
Cedarwood Road	220	\$ 35,200
Chittenden Road	1,000	\$ 160,000
Claymore Terrace	260	\$ 41,600
Cricket Circle	490	\$ 78,400
Drew Place	410	\$ 65,600
Foam Road	610	\$ 97,600
Greenfield Terrace	750	\$ 120,000
Hornbeam Road	600	\$ 96,000
Jericho Lane	460	\$ 73,600
Lantern Lane	250	\$ 40,000
Pine Brook Lane	240	\$ 38,400
Rainbow Court	300	\$ 48,000
Sassamon Road	340	\$ 54,400
Studley Royal Road	330	\$ 52,800
Westgate Lane	180	\$ 28,800
Wood Avenue	290	\$ 46,400
Youngs Lane	280	\$ 44,800
<b>Totals:</b>	<b>8,610</b>	<b>\$ 1,377,600</b>

<b>Humarock Pipe Replacement with 8" PVC (Phase 5)</b>	<b>Footage</b>	<b>Construction</b>
Vaults and PRV's (2)		\$ 123,500
PALFREY STREET	289	\$ 39,254
BRUNSWICK STREET	428	\$ 58,248
RIVER STREET	164	\$ 22,339
CENTRAL AVENUE	6356	\$ 864,439
RIVER STREET	832	\$ 113,128
JULIAN STREET	179	\$ 24,362
MARSHFIELD AVENUE EASMENT	340	\$ 46,271
LOWELL STREET EASEMENT	322	\$ 43,854
OLD MOUTH ROAD	505	\$ 68,647
OLD MOUTH ROAD	579	\$ 78,721
CLIFF ROAD SOUTH	4339	\$ 590,089
CENTRAL AVENUE	623	\$ 84,665
DARTMOUTH STREET EASEMENT	268	\$ 36,448
CENTRAL AVENUE	670	\$ 91,179
CENTRAL AVENUE	331	\$ 45,052
MANCHESTER STREET EASEMENT	335	\$ 45,627
ALDEN AVENUE	225	\$ 30,575
OCEAN DRIVE	1709	\$ 232,390
RIVER STREET	525	\$ 71,338
RIVER STREET	1166	\$ 158,533
PALFREY STREET	252	\$ 34,294
POSTSCRIPT LANE	501	\$ 68,104
MANCHESTER STREET	274	\$ 37,288
JULIAN STREET	426	\$ 57,885
RIVER ROAD	50	\$ 6,864
RIVER STREET	1715	\$ 233,208
TEMPLE WAY EASEMENT	333	\$ 45,336
MARSHFIELD AVENUE	275	\$ 37,437
	<b>Totals:</b>	<b>24,012 \$ 3,389,074</b>
<b>Construction Total:</b>	<b>53,272</b>	<b>\$ 5,861,394</b>
<b>Construction Contingency</b>	<b>10%</b>	<b>\$ 586,139</b>
<b>Construction Services</b>	<b>10%</b>	<b>\$ 586,139</b>
<b>Police</b>	<b>6%</b>	<b>\$ 351,684</b>
<b>GRAND TOTAL</b>		<b>\$ 7,385,356</b>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2023-450-1		
Project Title:	Redevelopment of Public Wells		
Category:	Equipment		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ X ]    Resubmission [ X ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Redevelopment of Drinking Water Wells to increase thier pumping capacity and extend the longevity of the well. Over time the rate of flow begins to decline due to sediment accumulation down in the well screen and wear and tear of constant use. When well performance/production is down 15% or more redevelopment is recommended.

**Benefits of Project and Impact if Not Completed:**

Redeveloping our Drinking Water Wells improves pumping capacity and water quality. It also makes our wells more efficient which results in energy savings. An added benefit is the more the wells produce the less we need to depend on the reservoir and Treatment Plant. The most significant impact of not funding this project is decreased production from the wells and possible pump failure durring critical times such as summer months.

**Discuss Operating Budget Impact:**

The operating budget impact of redeveloping wells will be a total of \$100,000 from the Water Enterprise Fund.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$100,000				\$100,000		<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings							<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0						<b>CPA Purpose(s)</b> Check all that apply <input type="checkbox"/> Open Space <input type="checkbox"/> Recreation <input type="checkbox"/> Historical <input type="checkbox"/> Housing
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

# Maher Services, Inc.

71 Concord Street  
 North Reading, MA 01864  
 Tel: 978-664-WELL (9355) Fax: 978-664-9356

2023-450-1

# Proposal

MS-3448

3/14/2018  Sean Anderson Scituate DPW Water Division 600 Chief Justice Cushing Hwy. Scituate, MA 02066- sanderson@scituatema.gov Phone - (781) 545-8735 Fax - (781) 545-8643	Project: RE: Well 19 Redevelopment Scituate, MA
--	--

Item	Description	Estimated Quantity	Unit Cost	Tax able	Total
1	Mobilization, demobilization, remove and reinstall pump. Video inspect well before and after redevelopment.	1.00 ls	\$ 7,500.00	\$	7,500.00
2	Steam clean, disassemble and inspect pump. The pump will be brought to our office steam cleaned, disassembled and inspected. After inspection we will provide a report detailing the condition of the pump and a cost estimate for any needed repairs.	1.00 ls	\$ 400.00	\$	400.00
3	Set and remove surge equipment. Provide and maintain our own generator to power the redevelopment equipment.	1.00 ls	\$ 3,000.00	\$	3,000.00
4	Machine time to clean and redevelop the well. More or less than the estimated time will be billed at the hourly rate.	30.00 hr	\$ 150.00	\$	4,500.00
5	Muriatic acid	110.00 gal	\$ 5.00	\$	550.00
6	Chlorine	1.00 ls	\$ 30.00	\$	30.00
				\$	15,980.00
	<u>Optional</u>				
7	Pantonite PM 77 - double strength	55.00 gal	\$ 38.00	\$	2,090.00
	<u>Please Note: Access must be provided</u>				
	Price includes Massachusetts Prevailing wage rates and certified payrolls.				
	Hoisting licenses for each operator will be provided.				
	All employees are OSHA 10 certified.				
	Insurance certificate including pollution liability will be provided				

18,070

Additional Cost 9,955

Total 28,025  
 + inflation

Regulatory - 100,000

Approx. 20,000 - 30,000 per well

2023-450-1

**Maher Services, Inc.**

71 Concord Street  
 North Reading, MA 01864  
 Tel: 978-664-WELL (9355) Fax: 978-664-9356

**Proposal**

MS-3448A

5/8/2018  Sean Anderson Scituate DPW Water Division 600 Chief Justice Cushing Hwy. Scituate, MA 02066- sanderson@scituatema.gov Phone - (781) 545-8735 Fax - (781) 545-8643	Project: RE: Well 19 Pump Repairs  Scituate, MA
---	---

Item	Description	Estimated Quantity	Unit Cost	Tax able	Total
1	Goulds 10 WALC 3 stage, 300 GPM @ 110' TDH (stainless steel impellers, collets and bolts)	1.00 ls	\$ 4,230.00		\$ 4,230.00
1	(45') 6" column pipe with 1" stainless steel shafts and stainless steel drop in spiders,	1.00 ls	\$ 4,075.00		\$ 4,075.00
2	(1) bronze stuffing box bearing, (1) stainless steel head shaft, (1) stainless steel motor shaft	1.00 ls	\$ 1,650.00		\$ 1,650.00
					\$ 9,955.00
3	30 HP US motor overhaul if needed	1.00 ls			To be determined
	freight is not included				
	<u>Please Note: Access must be provided</u>				
	Price includes Massachusetts Prevailing wage rates and certified payrolls.				
	Hoisting licenses for each operator will be provided.				
	All employees are OSHA 10 certified.				
	Insurance certificate including pollution liability will be provided				



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/26/18

Date of Last Edit:

Project Number:	2023-450-4	
Project Title:	Dolan Field Well	
Category:	Design/Construction	
Department:	Water	Contact: Sean Anderson/Kevin Cafferty

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New [ ]	Recurring [ x ]	Resubmission [ ]
	Multiyear [ ]	Phase ___ of ___	

**Description:**

Construction of a new gravel pack ground water well with necessary chemical treatment and apparatus.

**Benefits of Project and Impact if Not Completed:**

This project will increase ground water supply into system resulting in a decreased burden on Surface Water Treatment Plant.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$2,500,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$2,500,000				\$2,500,000		<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500,000</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested		CPA Purpose(s) Check all that apply					
Grant Amount Requested	\$0					<input type="checkbox"/> Open Space	
CPA Amount Requested	\$0					<input type="checkbox"/> Recreation	
<b>Net of CPA and Grants</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500,000</b>	<b>\$0</b>	<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing

Operating Budget Impact	
During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/26/18

Date of Last Edit:

Project Number:	2023-450-6		
Project Title:	Emergency Generator at Well #10		
Category:	Equipment		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission x

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Design and install an emergency backup generator to feed Well 10 as well as the On-site Treatment Plant.

**Benefits of Project and Impact if Not Completed:**

Ensures uninterrupted service at Well 10 during times of emergencies with loss of power .

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$250,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$250,000				\$250,000	
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/26/18

Date of Last Edit:

Project Number:	2023-450-2		
Project Title:	Chemical Upgrades - Wells		
Category:	Construction		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

                  Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

Full replacement of bulk storage chemical feed tanks include piping, pumps, day tank and resurfacing of containment area. Due to original building design, it will be necessary to remove a portion or all of the roof to complete this project.

**Benefits of Project and Impact if Not Completed:**

This upgrade will replace both bulk and day tanks that have gone beyond the manufacturers usable life expectancy. This project will increase the safety of our personnel as well as the general public by addressing ongoing containment issues.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$450,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$450,000				\$450,000	
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$450,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450,000</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$450,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450,000</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

Operating Budget Impact	
During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0



2023-450-2

Sean Anderson

From: Michael J. Schrader <MJSchrader@tigheBond.com>  
Sent: Friday, September 28, 2018 12:00 PM  
To: Sean Anderson  
Cc: John N. McClellan  
Subject: [NOTICE] budget input

After our phone call I went through the items with John. Honestly we're not going to have much time to spend on that because we are focused on the OOB, model, etc. but this is what we were thinking

1. 18B treatment – use same budget number as 17A \$8m. hopefully less once we get into it
2. Engineering and Design, new WTP and SCADA - \$4.0 is good
3. West End Well investigation – 300K should be good
4. Chem upgrades at wells, assume \$450K per each to be conservative based upon OOB
5. West End Well – I'm waiting to hear back from some others relative to recent projects. Will forward when I get it.

Michael J. Schrader, P.E. | Project Manager  
Tighe & Bond | One University Avenue | Westwood, MA 02090 | 781.708.9824 (direct) | 978.761.6380(cell)  
For conference call dial 1-605-475-5602 then 3999643903 followed by the pound sign



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2023-450-7		
Project Title:	10 Yr Meter replacement cycle program		
Category:	Equipment		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ X ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Ten year meter replacement program is to replace old and damaged meters that are not capturing all water usage. Replacements are e-coder (transmitter) radio read meters. They are more accurate and store 99 days of water usage history. This is helpful in diagnosing high water bill complaints.

**Benefits of Project and Impact if Not Completed:**

Replacement of the old water meters with intergrated e-coder meters benefits the consumer as well as the town. The new meters are more accurate, do not require a touch pad on the outside of the home, can store past usage data, and are less labor intensive. The e-coders drastically reduce time spent installing as well as reading meters.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$185,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$920,000	\$180,000	\$180,000	\$185,000	\$185,000	\$190,000	<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings							<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$920,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$185,000</b>	<b>\$185,000</b>	<b>\$190,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0						<b>CPA Purpose(s)</b> Check all that apply <input type="checkbox"/> Open Space <input type="checkbox"/> Recreation <input type="checkbox"/> Historical <input type="checkbox"/> Housing
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$920,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$185,000</b>	<b>\$185,000</b>	<b>\$190,000</b>	
<b>Operating Budget Impact</b>							
During Project	\$0						
Post-Project Annual							
Post-Project One-time	\$0						

7033-780-7



**WATER and WASTEWATER SUPPLIES**  
 36 Hudson Road (Route 27) Sudbury, MA 01776-2039  
 Phone: 978-443-2002 800-228-4616  
 Fax: 978-443-7800 www.tisales.com

Invoice	INV0092866
Invoice Date	06/21/2018
Ship Date	06/21/2018
Order Date	06/20/2018
Customer PO	SEAN*

Sold To: Scituate Water Division  
 4 Old Oaken Bucket Rd.  
 Scituate MA 02066-4431

Ship To: Scituate Water Division  
 4 Old Oaken Bucket Rd.  
 Scituate MA 02066-4431

Customer Number	Order Method	Job Location	Job Name	Territory Manager		
SCTM	Ordered by Sean			Joe Coulter		
Terms	Freight	Shipping Method		Master Number		
NET 30	Allowed	UPS Ground		279327		
Item Number	Description	Ordered	Shipped	Backord	Price	Extension
N2E1PPIT	5/8" X 3/4" Neptune T-10 Meter Integrated E-Coder R9001 Cubic Feet  <i>Price for use with                      Meter (C.O.D.)                      100 per 100.00 each                      100.00                      180.00                      185.00                      Requesting 185.00</i>  1Z0140840366003529 1Z0140840366148730 1Z0140840366959346	60	60		\$211.15	\$12,669.00
Order Taken By: Bob Soar				Merchandise	\$12,669.00	
				Other Charges	\$0.00	
				Tax	\$0.00	
				<b>Total Due</b>	<b>\$12,669.00</b>	



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TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION

Updated as of: October 2017

Capital Improvement Program: FY2019 - FY2023

Date submitted: 10/23/17

Date of Last Edit:

Project Number:	2024-456-05		
Project Title:	Repair/Repaint Mann Lot Tank		
Category:	Construction		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project Is: New  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

Description:

The 1.0 Million gallon Mann Lot tank was built in 1938 and has served the town well for many years. The protective coating has been compromised in some areas and significant welding will be needed.

Structural repairs are needed to bring the tank up to OSHA code. Complete resurfacing of both the interior and exterior of the tank.

Benefits of Project and Impact If Not Completed:

Structural repairs and rsurfacing protects our investment and insures an adaquate supply of drinking water for both domestic use and fire protection.

Discuss Operating Budget Impact:

The operating budget impact of repairing and repainting the Mann Lot Tank would be \$1000,000.

Recommended Financing

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$0						<input type="checkbox"/> Tax Levy <input type="checkbox"/> Debt <input type="checkbox"/> Enterprise Retained Earnings <input type="checkbox"/> Capital Stabilization <input type="checkbox"/> Free Cash <input type="checkbox"/> Revolving Fund <input type="checkbox"/> CPA <input type="checkbox"/> Grant(s) or Other
Land Acquisition	\$0						
Construction	\$1,000,000				\$1,000,000		
Equipment/Furnshings	\$0						
Contingency	\$0						
Other	\$0						
<b>TOTAL</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	

Grant Amount Requested	\$0						CPA Purpose(s) Check all that apply <input type="checkbox"/> Open Space <input type="checkbox"/> Recreation <input type="checkbox"/> Historical <input type="checkbox"/> Housing
CPA Amount Requested	\$0						
Net of CPA and Grants	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0	

Operating Budget Impact							
During Project	\$0						
Post-Project Annual							
Post-Project One-time	\$0						



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/26/18

Date of Last Edit:

Project Number:	2023-450-5		
Project Title:	Replace Truck #39 2009 Chevy Silverado Pick-Up		
Category:	Equipment		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New [ ]	Recurring [ ]	Resubmission <input checked="" type="checkbox"/>
	Multiyear [ ]	Phase ___ of ___	

**Description:**

Replace 2009 Chevy Silverado pick-up, truck 39, with new 4x4 Utility Body Truck with snow plow. The expected useful life of a medium duty truck depends upon type of daily use. The average lifespan for an average medium duty truck is 5 to 8 years according to the MN State DOT recommended guidelines. Truck 39 has been in service for 14+ years and has accumulated 150,000+ miles.

**Benefits of Project and Impact if Not Completed:**

This truck must be replaced as it is used daily in the field to carry tools and equipment to the work site.

The replacement of this truck will include 4-wheel drive and a snow plow. These two enhancements will increase safety, reliability, and add another vehicle to the Town's snow plowing resources thereby decreasing dependency on outside contractors.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$59,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$59,000				\$59,000		<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$59,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$59,000</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0						<b>CPA Purpose(s)</b> Check all that apply <input type="checkbox"/> Open Space <input type="checkbox"/> Recreation <input type="checkbox"/> Historical <input type="checkbox"/> Housing
CPA Amount Requested	\$0						
<b>Net of CPA and Grants</b>	<b>\$59,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$59,000</b>	<b>\$0</b>	

<b>Operating Budget Impact</b>	
During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0

2023-180

SALES TAX 1.25% (1.25% OF \$51,000.00 = \$637.50)  
REGISTRATION FEE \$100.00  
TOTAL \$52,637.50

INVOICE NO. 1111

DATE 08/02/18  
DEAL # 86703

SOLD TO:  
ADDRESS  
TOWN OF SCITUATE DOW  
600 CHIEF JUSTICE CUSHING HWY  
SCITUATE MA 02066

SALESMAN

KEVIN NUGENT		YEAR-MAKE	MODEL	NEW OR USED	SERIAL NO.	KEY NO.	SALESMAN
CUST. NO.	STOCK NO.						
8457	2018	2018	POLET W/IKSILVERADO 35	NEW			

INSURANCE COVERAGE INCLUDES

- FIRE AND THEFT
- COLLISION - AMT. DEDUCT.
- PUBLIC LIABILITY - AMT.
- PROPERTY DAMAGE - AMT.

OPTIONAL EQUIPMENT AND ACCESSORIES

PRICE OF CAR  
FREIGHT AND HANDLING  
OPTIONAL EQUIP. & ACCESS.

51000.00

GROUP	DESCRIPTION	PRICE
	SALES TAX	
	LICENSE AND TITLE	
	TOTAL CASH PRICE	51000.00
	FINANCING	
	INSURANCE	
	TOTAL TIME PRICE	51000.00
	SETTLEMENT:	
	DEPOSIT	
	CASH ON DELIVERY	51000.00
	USED CAR:	
	TYPE	
	SERIAL NO.	
	ENGINE NO.	
	PAYMENTS:	
	TOTAL	51000.00

ALWAYS SHOW SERIAL, ENGINE AND KEY NUMBERS

459,000 PD

Track # 23

2023 year



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2024-450-2	
Project Title:	Replace Water Mains Phase 7	
Category:	Construction	
Department:	Water	Contact: Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ X ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace the oldest and/or most problematic water mains in town. New Ductile Iron water mains have an expected useful life of 75+ years. With 124 miles of water main in the ground replacing just one mile per year will take 124 years to replace entire system.

**Benefits of Project and Impact if Not Completed:**

Replacing smaller quantities of water main each year can avoid costly larger projects and the disruptions they can cause. This will improve water quality and reduce the number of leaks resulting in cost savings to the town. Replacing smaller diameter water mains with larger ones also increases fire protection.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$1,300,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$1,300,000				\$1,300,000		<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,300,000</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

							CPA Purpose(s) Check all that apply
Grant Amount Requested	\$0						<input type="checkbox"/> Open Space
CPA Amount Requested	\$0						<input type="checkbox"/> Recreation
<b>Net of CPA and Grants</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,300,000</b>	<b>\$0</b>	<input type="checkbox"/> Historical
							<input type="checkbox"/> Housing

**Operating Budget Impact**

During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0

730-1-100 2

New Water Main Approx. 1 mile	\$1,000,000.00
Engineering for next phase	\$100,000.00
Inflation / Contingency	\$200,000.00
Total	\$1,300,000.00
Requesting	\$1,300,000.00



**Town of Scituate, MA**  
**Capital Improvement Plan - Main Replacement Program**  
**For 2018/2019/2020 (Phases 3C, 4 & 5)**  
**Prepared by Weston & Sampson - August 24, 2018**

<b>Cast Iron Pipe Replacement (Phase 3C)</b>	<b>Footage</b>	<b>Construction</b>
Oceanside Drive	3,390	\$ 542,400
<b>Totals:</b>	<b>3,390</b>	<b>\$ 542,400</b>
<b>CI Pipe Abandonment/Service Transfer (Phase 3C)</b>	<b>Footage</b>	<b>Construction</b>
Booth Hill Road	1,920	\$ 61,440
Gannett Road	7,300	\$ 233,600
Mann Lot Road	2,290	\$ 73,280
Ocean Avenue	2,250	\$ 72,000
Turner Road	3,500	\$ 112,000
<b>Totals:</b>	<b>17,260</b>	<b>\$ 552,320</b>
<b>2-inch Galvanized Iron Replacement (Phase 4)</b>	<b>Footage</b>	<b>Construction</b>
Bonnie Briar Circle	150	\$ 24,000
Bradford Avenue	1,050	\$ 168,000
Brown Road	400	\$ 64,000
Cedarwood Road	220	\$ 35,200
Chittenden Road	1,000	\$ 160,000
Claymore Terrace	260	\$ 41,600
Cricket Circle	490	\$ 78,400
Drew Place	410	\$ 65,600
Foam Road	610	\$ 97,600
Greenfield Terrace	750	\$ 120,000
Hornbeam Road	600	\$ 96,000
Jericho Lane	460	\$ 73,600
Lantern Lane	250	\$ 40,000
Pine Brook Lane	240	\$ 38,400
Rainbow Court	300	\$ 48,000
Sassamon Road	340	\$ 54,400
Studley Royal Road	330	\$ 52,800
Westgate Lane	180	\$ 28,800
Wood Avenue	290	\$ 46,400
Youngs Lane	280	\$ 44,800
<b>Totals:</b>	<b>8,610</b>	<b>\$ 1,377,600</b>

<b><i>Humarock Pipe Replacement with 8" PVC (Phase 5)</i></b>	<b><i>Footage</i></b>	<b><i>Construction</i></b>
Vaults and PRV's (2)	\$	123,500
PALFREY STREET	289 \$	39,254
BRUNSWICK STREET	428 \$	58,248
RIVER STREET	164 \$	22,339
CENTRAL AVENUE	6356 \$	864,439
RIVER STREET	832 \$	113,128
JULIAN STREET	179 \$	24,362
MARSHFIELD AVENUE EASMENT	340 \$	46,271
LOWELL STREET EASEMENT	322 \$	43,854
OLD MOUTH ROAD	505 \$	68,647
OLD MOUTH ROAD	579 \$	78,721
CLIFF ROAD SOUTH	4339 \$	590,089
CENTRAL AVENUE	623 \$	84,665
DARTMOUTH STREET EASEMENT	268 \$	36,448
CENTRAL AVENUE	670 \$	91,179
CENTRAL AVENUE	331 \$	45,052
MANCHESTER STREET EASEMENT	335 \$	45,627
ALDEN AVENUE	225 \$	30,575
OCEAN DRIVE	1709 \$	232,390
RIVER STREET	525 \$	71,338
RIVER STREET	1166 \$	158,533
PALFREY STREET	252 \$	34,294
POSTSCRIPT LANE	501 \$	68,104
MANCHESTER STREET	274 \$	37,288
JULIAN STREET	426 \$	57,885
RIVER ROAD	50 \$	6,864
RIVER STREET	1715 \$	233,208
TEMPLE WAY EASEMENT	333 \$	45,336
MARSHFIELD AVENUE	275 \$	37,437
<b><i>Totals:</i></b>	<b><i>24,012 \$</i></b>	<b><i>3,389,074</i></b>
<b>Construction Total:</b>	<b>53,272 \$</b>	<b>5,861,394</b>
<b>Construction Contingency</b>	<b>10% \$</b>	<b>586,139</b>
<b>Construction Services</b>	<b>10% \$</b>	<b>586,139</b>
<b>Police</b>	<b>6% \$</b>	<b>351,684</b>
<b>GRAND TOTAL</b>	<b>\$</b>	<b>7,385,356</b>



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 9/27/18

Date of Last Edit:

Project Number:	2024-450-4		
Project Title:	10 Yr Meter replacement cycle program		
Category:	Equipment		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New <input type="checkbox"/>	Recurring <input checked="" type="checkbox"/>	Resubmission <input type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

**Description:**

Ten year meter replacement program is to replace old and damaged meters that are not capturing all water usage. Replacements are e-coder (transmitter) radio read meters. They are more accurate and store 99 days of water usage history. This is helpful in diagnosing high water bill complaints.

**Benefits of Project and Impact if Not Completed:**

Replacement of the old water meters with intergrated e-coder meters benefits the consumer as well as the town. The new meters are more accurate, do not require a touch pad on the outside of the home, can store past usage data, and are less labor intensive. The e-coders drastically reduce time spent installing as well as reading meters.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$190,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$920,000	\$180,000	\$180,000	\$185,000	\$185,000	\$190,000
Equipment/Furnishings						
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$920,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$185,000</b>	<b>\$185,000</b>	<b>\$190,000</b>

Funding Source(s) Check all that apply	
<input type="checkbox"/>	Tax Levy
<input checked="" type="checkbox"/>	Debt
<input type="checkbox"/>	Enterprise Retained Earnings
<input type="checkbox"/>	Capital Stabilization
<input type="checkbox"/>	Free Cash
<input type="checkbox"/>	Revolving Fund
<input type="checkbox"/>	CPA
<input type="checkbox"/>	Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$920,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$185,000</b>	<b>\$185,000</b>	<b>\$190,000</b>

CPA Purpose(s) Check all that apply	
<input type="checkbox"/>	Open Space
<input type="checkbox"/>	Recreation
<input type="checkbox"/>	Historical
<input type="checkbox"/>	Housing

Operating Budget Impact	
During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0

2009-450 Y



**WATER and WASTEWATER SUPPLIES**  
 35 Hudson Road (Route 27) Sudbury, MA 01776-2039  
 Phone: 978-443-2002 Fax: 978-443-7503  
 500-225-4616  
 www.tisales.com

Invoice	INV0092866
Invoice Date	06/21/2018
Ship Date	06/21/2018
Order Date	06/20/2018
Customer PO	SEAN#

Sold To: Scituate Water Division  
 4 Old Oaken Bucket Rd.  
 Scituate MA 02066-4431

Ship To: Scituate Water Division  
 4 Old Oaken Bucket Rd.  
 Scituate MA 02066-4431

Customer Number	Order Method	Job Location	Job Name	Territory Manager		
SCIT4	Ordered by Sean			Joe Coulter		
Terms	Freight	Shipping Method		Master Number		
NET 30	Allowed	UPS Ground		279327		
Item Number	Description	Ordered	Shipped	Backord	Price	Extension
N2EIPPT	5/8" X 3/4" Neptune T-10 Meter Integrated E-Coder R9001 Cubic Feet  <i>Per Invoice #1                      New Customer                      5/18/18                      104...                      8102 1 2 NPP                      600...                      1/3...                      1 Taffel...                      Requesting 190,000</i>	60	60		\$211.15	\$12,669.00
Order Taken By: Bob Soar					Merchandise	\$12,669.00
					Other Charges	\$0.00
					Tax	\$0.00
					Total Due	\$12,669.00



Visit our website @ [tisales.com](http://tisales.com)

Invoice



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_ 9/28/18

Date of Last Edit:

Project Number:	2024-450-1	
Project Title:	West End Construction	
Category:	Design/Construction	
Department:	Water	Contact: Sean Anderson/Kevin Cafferty

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New [ ]	Recurring [ ]	Resubmission [ ]
	Multiyear [ x ]	Phase <u>2</u> of <u>2</u>	

**Description:**

Construction of a new gravel pack ground water well with necessary chemical treatment and apparatus.

**Benefits of Project and Impact if Not Completed:**

This project will increase ground water supply into system resulting in a decreased burden on Surface Water Treatment Plant.

**Discuss Operating Budget Impact:**

The operating budget impact of this project would be \$3,000,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$3,000,000					\$3,000,000	<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$0						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

		CPA Purpose(s) Check all that apply				
Grant Amount Requested	\$0					<input type="checkbox"/> Open Space
CPA Amount Requested	\$0					<input type="checkbox"/> Recreation
<b>Net of CPA and Grants</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000,000</b>
						<input type="checkbox"/> Historical
						<input type="checkbox"/> Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: \_\_\_\_\_ 9/27/18

Date of Last Edit:

Project Number:	2024-450-3		
Project Title:	Replace #36 Utility Body		
Category:	Equipment		
Department:	Water	Contact:	Sean Anderson/Kevin Cafferty

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ x ]    Recurring [ ]    Resubmission [ ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace Utility Body

The expected useful life of a medium duty truck depends upon type of daily use. The average lifespan for an average medium duty truck is 5 to 8 years according to the MN State DOT recommended guidelines. Truck 36 has been in service for 12+ years and has accumulated 200,000+ miles.

**Benefits of Project and Impact if Not Completed:**

This truck must be replaced as it is used daily in the field to carry tools and equipment to the work site

The replacement of this truck will include 4-wheel drive and a snow plow. These two enhancements will increase safety, reliability, and add another vehicle to the Town's snow plowing resources thereby decreasing dependency on outside contractors.

**Discuss Operating Budget Impact:**

The operating budget impact of a new truck would be \$61,000.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$61,000					\$61,000	<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$61,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$61,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

CPA Purpose(s) Check all that apply	
<input type="checkbox"/>	Open Space
<input type="checkbox"/>	Recreation
<input type="checkbox"/>	Historical
<input type="checkbox"/>	Housing

**Operating Budget Impact**

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$61,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$61,000</b>

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

2024 750-3

1024 STATE ROAD  
TEL 248-1010 FAX 248-6637

DATE 08/02/18  
DEAL # 867K3

BOUGHT FOR ADDRESS  
TOWN OF SCITUATE DPW  
600 CHIEF JUSTICE CUSHING HWY  
SCITUATE MA 02056

INVOICE NO.

KEVIN NUGENT

CUST. NO.	STOCK NO.	YEAR-MAKE	MODEL	NEW OR USED	SERIAL NO.	KEY NO.
8457	1873036	2018	CHEVROLET TRUCK SILVERADO 35	NEW	20051Y0000231-230	

SALESMAN

INSURANCE COVERAGE INCLUDES

- FIRE AND THEFT
- COLLISION - AMT. DEDUCT.
- PUBLIC LIABILITY - AMT.
- PROPERTY DAMAGE - AMT.

PRICE OF CAR  
FREIGHT AND HANDLING  
OPTIONAL EQUIP & ACCESS.

51000.00

OPTIONAL EQUIPMENT AND ACCESSORIES

GROUP	DESCRIPTION	PRICE
-------	-------------	-------

SALES TAX  
LICENSE AND TITLE  
TOTAL CASH PRICE

51000.00

FINANCING  
INSURANCE  
TOTAL TIME PRICE

51000.00

SETTLEMENT:

DEPOSIT  
CASH ON DELIVERY  
USED CAR:  
TYPE  
SERIAL NO.  
ENGINE NO.  
PAYMENTS:

51000.00

TOTAL 51000.00

ALWAYS SHOW SERIAL, ENGINE AND KEY NUMBERS

TRUCK 2024 \$61,000.00  
2024 year

Town of S...  
**Capital Plan - FY 2020-2024**  
**Criteria Points-Summary**  
**Sorted by Fund, Department, Year & Score**

Total	Project	Project #	Department	Year	Fund	Request	Comment
66	Replacement of Pump Out Boat	2020-298-02	Waterways	2020	WW	\$ 79,061	
65	Comprehensive Dredge Permit	2020-298-03	Waterways	2020	WW	\$ 100,000	
53	Replace 2007 Harbormaster Vehicle	2020-298-1	Waterways	2020	WW	\$ 43,000	
48	Replacement Main Floats	2020-298-04	Waterways	2020	WW	\$ 84,000	
30	Harbormaster Truck (Second Vehicle)	2020-298-01	Waterways	2020	WW	\$ 43,000	
67	Replacement of Docks & Gangways Cole Pkwy Marina	2021-298-01	Waterways	2021	WW	\$ 250,000	
65	Mooring Field Regrid	2021-298-02	Waterways	2021	WW	\$ 45,000	
36	Aquaculture Plan	2021-298-03	Waterways	2021	WW	\$ 49,900	
67	Replacement of Docks & Gangways Cole Pkwy Marina	2022-298-01	Waterways	2022	WW	\$ 250,000	
46	Driftway Boat Landing	2022-298-02	Waterways	2022	WW	\$ 100,000	
69	Replacement of Docks & Gangways Cole Pkwy Marina	2023-298-01	Waterways	2023	WW	\$ 250,000	
46	Re-power Unit #1	2023-298-02	Waterways	2023	WW	\$ 43,000	
69	Replacement of Docks & Electrical Cole Pkwy Marina	2024-298-01	Waterways	2024	WW	\$ 250,000	
67	Replacement of 2004 Harbormaster Truck	2024-298-02	Waterways	2024	WW	\$ 43,000	
63	Harbormaster Office ADA Renovations	2024-298-04	Waterways	2024	WW	\$ 75,000	
46	Re-power Unit #2	2024-298-03	Waterways	2024	WW	\$ 43,000	
<b>WW Total</b>						<b>\$ 1,747,961</b>	





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 10-27-17

Date of Last Edit: 9-4-18

Project Number:	2020-298-2		
Project Title:	Replacement Pump out Boat		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ X ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replacement of aging CVA Clean Vessel Act Pump Out Boat.

**Benefits of Project and Impact if Not Completed:**

By replacing the existing CVA Pump Out Boat this will insure uninterrupted service. That the boats in Scituate will be pumped out when the boater calls for service to have their waste pumped out.

**Discuss Operating Budget Impact:**

The CVA provides a grant for the majority of the boat. The Town receives funding for this service, This service helps keep our waterways clean, free of waste.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2019	FY2020	FY2021	FY2022	FY2023
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$79,061					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$79,061</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other

Grant Amount Requested	\$56,250					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$22,811</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				

# Marine Boatbuilders CO

# Quote

PO Box 7826  
Warwick, RI 02887

DATE:  
October 26, 2017

E-MAIL: rickjr@marineboatbuilders.com  
Phone: 401-732-1975 Fax 401-732-4528

Bill To: Ship To:  
Stephen F. Moon  
Scituate Harbormaster  
100 Cole Parkway  
Scituate, MA 02066  
[smoon@scituatema.gov](mailto:smoon@scituatema.gov)  
781-545-8724

For: 19' 230gal MBB Pump-Kleen  
Pumpout Boat

	AMOUNT
1-each 19' Marine Boatbuilders 230gal Pump-Kleen Pumpout Boat w/115HP 'Edson model 120 Diaphragm Pump. As per attached specifications, Turn key ready.	\$ 74,811.08
<b>GSA# GS-07F-215AA</b> <i>Quote Valid for 90 Days</i> <i>Terms: Half Down and the remainder upon delivery</i>	
TOTAL	\$

Make all checks payable to Marine Boatbuilders Co.  
If you have any questions concerning this invoice or quote to  
Rick Audette Jr 401-935-1186, e-mail rickjr@marineboatbuilders.com

THANK YOU FOR YOUR BUSINESS!



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 11-9-16

Date of Last Edit: 9-24-18\_\_

Project Number:	FY 2020-298-03		
Project Title:	Comprehensive Dredge Permit		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

Contract with a Consulting Firm to, Design, Engineer, and Permit a Comprehensive Dredge Permit for Scituate Harbor, North River, and Heron River.

**Benefits of Project and Impact if Not Completed:**

By having a comprehensive dredge permit in place this will reduce cost and simplify renewing the dredge permit for all the Waterways in Scituate. Also by having one comprehensive permit it will eliminate the need of permitting individual areas. By having comprehensive permit in place if we discover areas that need to be dredged we would need to go through the time consuming process of permitting.

**Discuss Operating Budget Impact:**

The Commonwealth has announced that there are grant funds available to communities that are shovel ready for dredge projects. This could reduce cost on future dredge projects.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2018	FY2019	FY2020	FY2021	FY2022	
Study/Design	\$100,000						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings							<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 11-12-16

Date of Last Edit: 10-12-17

Project Number:	2020-298-1		
Project Title:	Replace 2007 Harbormaster Truck		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:	New	<input type="checkbox"/>	Recurring	<input type="checkbox"/>	Resubmission	<input checked="" type="checkbox"/>
	Multiyear	<input type="checkbox"/>	Phase	___ of ___		

**Description:**

1 ton pickup truck

**Benefits of Project and Impact if Not Completed:**

The truck that is in-service today has to be taking out of service for costly repairs due to age.

**Discuss Operating Budget Impact:**

Increased required maintenance on 2007 truck that is in service today.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$43,000	\$43,000					<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$43,000</b>	<b>\$43,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$43,000</b>	<b>\$43,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 10-27-17

Date of Last Edit: \_9-4-18\_

Project Number:	2020-298-04		
Project Title:	Replacement Main Floats		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ X ]

Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

Replace aging Main Floats at Cole Parkway Marina

**Benefits of Project and Impact if Not Completed:**

The float are reaching end of life, and may noy be compadable with pilings.

**Discuss Operating Budget Impact:**

Added cost to Pile project, could fail during the boating season.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2019	FY2020	FY2021	FY2022	FY2023	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$84,000						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$84,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input checked="" type="checkbox"/> CPA
							<input checked="" type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$84,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2019 - FY2023**

Date submitted: 11-12-16

Date of Last Edit: 9-4-18

Project Number:	2020-298-01		
Project Title:	Harbormaster Truck		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

Second Harbormaster Vehicle.

**Benefits of Project and Impact if Not Completed:**

The request is for a second Harbormaster truck. The one truck is used by the Harbormaster, Assistant Harbormasters and the maintenance staff. The truck is used on a regular basis by all the employees of the Harbormaster Department. It is used to haul the Harbormaster boats to go between the different facilities that the Harbormaster's Department has been charged with maintaining. The second vehicle will help to provide uninterrupted service to the facilities and equipment.

**Discuss Operating Budget Impact:**

The operating cost and maintenance cost associated additional.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2018	FY2019	FY2020	FY2021	FY2022	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$43,000						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$43,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$43,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 11-9-16

Date of Last Edit: 10-12-17\_

Project Number:	FY 2021-298-01		
Project Title:	Replacement of Docks and Electrical on docks Cole Parkway Marina		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: NEW  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

**Description:**

The request is for the replacement of Docks , Power Pedestals and Wiring At Cole Parkway Marina The docks of been in service for quite some time and are showing their age, there is rot in the wood and the years of pulling them in and out of the water have affected their integrity. It would make sense for us to replace the floats now and try to sell off the docks to a private marina or to another municipality while they are still in somewhat saleable condition. This way we could capture the funds from the sale of the docks and put it back into the enterprise fund. Also replace the wiring on the docks along with the pedestals

**Benefits of Project and Impact if Not Completed:**

The replacement docks would be made of a composite decking material which would hold up better and last longer than the existing all wood docks, the existing docks have wood rot in different areas and are in need of attention, Also the wood decking is splitting from the years of abuse, The decking is extremely costly to replace. The wiring is getting beat up and showing it's age . The pedestals have been damaged over the years are in tough shape and in need of replacement.

**Discuss Operating Budget Impact:**

There will be costs incurred which will impact the budget, maintaining and replacing rotted boards and decking on the existing floats, also as the decks get older they would be much more difficult to sell and less valuable to other marinas. increased cost due to condition and repairs to the electrical system.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$1,000,000		\$250,000	\$250,000	\$250,000	\$250,000	<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other

Grant Amount Requested	\$0				
CPA Amount Requested	\$0				
<b>Net of CPA and Grants</b>		<b>\$0</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				



**MEECO  
SULLIVAN**  
THE MARINA COMPANY

November 10, 2016

Cole Parkway Marina  
Town of Scituate  
Scituate, MA

**BUDGET ESTIMATE**

*System Type: Heavy duty Sullfloat system- with 2" x 6" Moisture Shield Composite Decking*

Main Walkways:

- (6) 16' x 20' Hinged sections
- (8) 7' x 22' Hinged sections
- (50) 7' x 20' Hinged sections

Fingers

- (4) 3' x 20' with C-Channel tracks
- (97) 2' x 20' with C-Channel tracks

Total for docks delivered, off-loaded and installed by others \$574,046.00

Options:

1. Engineered stamped drawings: \$5,000.00 for docks. \$5,000.00 for gangway.
2. (1) 5' x 80' ADA aluminum gangway \$44,608.00 delivered

*Note: All above pricing does not include any applicable state or local tax.*





**MEECO  
SULLIVAN**  
THE MARINA COMPANY

PRICE INCLUDES:

- Freight to site, purchaser provides off-loading
- All docks delivered complete and ready for installation
- Vinyl dock bumper - white/black
- 12" Galvanized mooring cleats and attachment hardware ( ) per boat
- Chain and roller/plate and eyebolt type pile guides
- 3/4" x 6" Eyebolts for anchoring
- Utility access panels- full width - 12' on center
- High impact resistant polyethylene floats with foam core - 12" in height
- .60 CCA pressure treatment in wood framing
- Stainless steel deck screws, #10 x 3"
- 2" x 6" Moisture shield composite decking
- Recycled grey plastic decking
- Mechanically laminated side beams
- Anti-torsion truss system throughout

Payment Schedule

Town Purchase Order with total due 30 days after delivery

Respectfully Submitted by:  
Meeco Sullivan, LLC.

---

Robert Sullivan  
Vice President

Matt Beechinor  
Sales Representative

P.O. Box 639 • 3 Chancellor Lane • Warwick, NY 10990  
845-986-7377 • F 845-986-8531 • meecosullivan.com



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 10/18/17

Date of Last Edit:

Project Number:	2021-298-02		
Project Title:	Mooring Regrid		
Category:	Study		
Department:	Waterways	Contact:	Harbormaster Stephen Mone

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New	<input checked="" type="checkbox"/>	Recurring	<input type="checkbox"/>	Resubmission	<input type="checkbox"/>
	Multiyear	<input type="checkbox"/>	Phase	___	of	___

**Description:**

*Reorganization of moorings for optimal use of space.*

**Benefits of Project and Impact if Not Completed:**

**Discuss Operating Budget Impact:**

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$45,000		\$45,000			
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**

Check all that apply

- Tax Levy
- Debt
- Enterprise Retained Earnings
- Capital Stabilization
- Free Cash
- Revolving Fund
- CPA
- Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0				
CPA Amount Requested	\$0				
<b>Net of CPA and Grants</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$45,000</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**

Check all that apply

- Open Space
- Recreation
- Historical
- Housing

**Operating Budget Impact**

During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2019 - FY2023**

Date submitted: 10-12-17\_

Date of Last Edit: \_\_\_\_\_

Project Number:	2021-298-03		
Project Title:	Shellfish Aquaculture Plan		
Category:	Study		
Department:	Harbormaster	Contact:	Stephen Mone

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:	New	<input checked="" type="checkbox"/>	Recurring	<input type="checkbox"/>	Resubmission	<input type="checkbox"/>
	Multiyear	<input type="checkbox"/>	Phase	__	of	__

**Description:**

Develop a comprehensive, town-wide aquaculture plan to manage shellfish/aquaculture areas thru out town.

**Benefits of Project and Impact if Not Completed:**

By creating a plan the town could control the shellfish areas and potential shellfish areas for commercial grant stites for shellfish/aquaculture, similar to building, zoning permits. And help the shellfish/aquaculture get back on track in Scituate. In addition to cleaning up our waterways , estuaries and water quality.

**Discuss Operating Budget Impact:**

If both recreational and commercial shellfish/aquaculture becomes vibrant in Scituate this could create additional jobs/industry/economic growth for the community. It also assist in keeping our waterways and estuaries clean.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply	
		FY2019	FY2020	FY2021	FY2022	FY2023	<input type="checkbox"/> Tax Levy	<input type="checkbox"/> Debt
Study/Design	\$49,900			\$49,900			<input checked="" type="checkbox"/> Enterprise Retained Earnings	<input type="checkbox"/> Capital Stabilization
Land Acquisition	\$0						<input type="checkbox"/> Free Cash	<input type="checkbox"/> Revolving Fund
Construction	\$0						<input type="checkbox"/> CPA	<input type="checkbox"/> Grant(s) or Other _____
Equipment/Furnishings	\$0							
Contingency	\$0							
Other	\$0							
<b>TOTAL</b>	<b>\$49,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$49,900</b>	<b>\$0</b>	<b>\$0</b>		

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$49,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$49,900</b>	<b>\$0</b>	<b>\$0</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

<b>Operating Budget Impact</b>						
During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					

Science Wares is pleased to provide this Scope of Services, and budget for technical support in the development of an Aquaculture Plan for the Town of Scituate, MA. We have reviewed the Division of Marine Fisheries (DMF) Designated Shellfish Growing Area maps for the waterbodies under consideration for aquaculture license sites. These waterways have shellfish area classifications as follows:

- Scituate Harbor: Prohibited
- North River: Conditionally Approved
- Herring River (fork of North River near Herring River Marina): Prohibited
- South River: Areas are both conditionally approved and prohibited (around Grandview Ave)
- Cohasset Harbor (Scituate Side): Open

Based on these designations, and a conversation with the Scituate Harbormaster regarding a review of the classification of Scituate Harbor, the focus of the Aquaculture Plan could be on Cohasset Harbor which is open, Scituate Harbor if it opens, as well as North River and South River which are conditionally approved. DMF does not allow the licensing of private aquaculture in prohibited areas, and special permitting will be needed for aquaculture in conditionally approved waters.

## Scope of Services:

The proposed tasks for this Scope of Work are as follows:

### Task 1: Site Review and Report

Schedule: September/October 2017

Fee: \$7,500

The purpose of Task 1 is to generally identify areas where aquaculture could be appropriately located in North River, South River, Scituate Harbor (if it opens) and the Scituate side of Cohasset Harbor, and to determine the most effective process for finalizing the mapping of these potential aquaculture sites.

This task includes completion of the following:

- Kickoff meeting to discuss project parameters;
- Site visits by boat with Town representative to review field conditions in Scituate Harbor, North River, South River, and the Scituate side of Cohasset Harbor;
- Review and mapping of available data on eelgrass beds from MassDEP data, mooring locations, navigation channels, productive habitat used for commercial and recreational shellfish harvest, areas used for boating and swimming and other uses;
- Determine whether there is an existing Town board or committee that should provide input to the process of aquaculture siting or whether a Working Group should be established;
- Brief report that documents findings and provides a refined scope going forward; and
- GIS Mapping if town GIS services become available to support this work product.

## **Task 2: Delineation of Aquaculture License Sites**

Schedule: October - January 2017

Fee: \$7,500

The purpose of Task 2 is to revise the preliminary mapping that was done in Task 1 after review with various stakeholder groups. This process involves coordinating public outreach, revised maps and up to 5 meetings such as:

- Meetings with local experts such as commercial shellfish harvesters, neighbors abutting areas that have been mapped, town boards and committees and others, to review and revise maps
- Up to two Public Meeting to present areas and gain feedback
- Revised maps
- In addition to meetings, this task includes the effort to coordinate public outreach to ensure the community is aware of this project, as directed by the Town

## **Task 3: Permitting**

Fee: approximately \$34,900

Note: This budget estimate is subject to refinement based on the results of Task 1 and Task 2

This task includes preparing all the required documentation and filing for three regulatory approvals: Notice of Intent for an Order of Conditions from the Conservation Commission, an Army Corp of Engineers (ACOE) approval under the General Permit and DMF site certification. To streamline the permitting process for growers as well as maintain direct Town management and oversight over aquaculture licenses, the Town may want to be the applicant for Conservation Commission and ACOE permitting. The Town would also request site certification from DMF as part of this permitting.

Permitting will begin with discussions with the DMF and Army Corp of Engineers (ACOE) regarding the preferred approach (based on Falmouth Aquaculture Plan model) and may involve the following:

- A Town filing of a Notice of Intent with the Conservation Commission for all aquaculture license sites;
- Identification of specific individuals who will hold the permit for these aquaculture license sites;
- A Board of Selectmen (BOS) request for site certification from DMF for these sites;
- A Town application to the ACOE to place structures on these sites, once DMF has certified them;
- Once ACOE and Conservation Commission permits are granted to the Town, individual growers apply to the BOS for an aquaculture license site, and Town sends a copy of approved site to DMF; and
- Once the Town grants site to a grower, these growers then apply to DMF for a propagation permit. This propagation permit gives the applicant permission to grow shellfish within these sites.

For DMF to certify these aquaculture license sites and for the Town to apply to ACOE and Conservation Commission for permits, a management plan is needed that includes mapped locations, timing of licenses, gear types and configurations, shellfish species and production requirements.

The final cost for Task 3 will be determined after the total number of aquaculture license sites is established in Tasks 1 & 2, and after discussing the final permitting approach with DMF.



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 11-9-16

Date of Last Edit: 10-12-17\_

Project Number:	FY 2022-298-01		
Project Title:	Replacement of Docks and Electrical on docks Cole Parkway Marina		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone
Project is:	NEW <input type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input checked="" type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

**Description:**

The request is for the replacement of Docks , Power Pedestals and Wiring At Cole Parkway Marina The docks of been in service for quite some time and are showing their age, there is rot in the wood and the years of pulling them in and out of the water have affected their integrity. It would make sense for us to replace the floats now and try to sell off the docks to a private marina or to another municipality while they are still in somewhat saleable condition. This way we could capture the funds from the sale of the docks and put it back into the enterprise fund. Also replace the wiring on the docks along with the pedestals

**Benefits of Project and Impact if Not Completed:**

The replacement docks would be made of a composite decking material which would hold up better and last longer than the existing all wood docks, the existing docks have wood rot in different areas and are in need of attention, Also the wood decking is splitting from the years of abuse, The decking is extremely costly to replace. The wiring is getting beat up and showing it's age . The pedestals have been damaged over the years are in tough shape and in need of replacement.

**Discuss Operating Budget Impact:**

There will be costs incurred which will impact the budget, maintaining and replacing rotted boards and decking on the existing floats, also as the decks get older they would be much more difficult to sell and less valuable to other marinas. increased cost due to condition and repairs to the electrical system.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$750,000			\$250,000	\$250,000	\$250,000	<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$750,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>		<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>

CPA Purpose(s)  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



November 10, 2016

Cole Parkway Marina  
Town of Scituate  
Scituate, MA

### BUDGET ESTIMATE

*System Type: Heavy duty Sullfloat system- with 2" x 6" Moisture Shield Composite Decking*

#### Main Walkways:

- (6) 16' x 20' Hinged sections
- (8) 7' x 22' Hinged sections
- (50) 7' x 20' Hinged sections

#### Fingers

- (4) 3' x 20' with C-Channel tracks
- (97) 2' x 20' with C-Channel tracks

Total for docks delivered, off-loaded and installed by others \$574,046.00

#### Options:

1. Engineered stamped drawings: \$5,000.00 for docks. \$5,000.00 for gangway.
2. (1) 5' x 80' ADA aluminum gangway \$44,608.00 delivered

*Note: All above pricing does not include any applicable state or local tax.*



**MEECO  
SULLIVAN**  
THE MARINA COMPANY

PRICE INCLUDES:

- Freight to site, purchaser provides off-loading
- All docks delivered complete and ready for installation
- Vinyl dock bumper - white/black
- 12" Galvanized mooring cleats and attachment hardware ( ) per boat
- Chain and roller/plate and eyebolt type pile guides
- 3/4" x 6" Eyebolts for anchoring
- Utility access panels- full width – 12' on center
- High impact resistant polyethylene floats with foam core – 12" in height
- .60 CCA pressure treatment in wood framing
- Stainless steel deck screws, #10 x 3"
- 2" x 6" Moisture shield composite decking
- Recycled grey plastic decking
- Mechanically laminated side beams
- Anti-torsion truss system throughout

Payment Schedule

Town Purchase Order with total due 30 days after delivery

Respectfully Submitted by:  
Meeco Sullivan, LLC.

---

Robert Sullivan  
Vice President

Matt Beechinor  
Sales Representative

P.O. Box 639 • 3 Chancellor Lane • Warwick, NY 10990  
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**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 8-9-17

Date of Last Edit:

Project Number:	2022-298-02
Project Title:	Driftway Boat Landing
Category:	
Department: Harbormaster	Contact: Stephen Mone

Department Priority:

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	New	[X]	Recurring	[ ]	Resubmission	[ ]
	Multiyear	[ ]	Phase	___	of	___

Description:

Benefits of Project and Impact if Not Completed:

Discuss Operating Budget Impact:

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$20,000			\$20,000		
Land Acquisition	\$0					
Construction	\$80,000			\$80,000		
Equipment/Furnishings						
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>

- Funding Source(s)**  
Check all that apply
- Tax Levy
  - Debt
  - Enterprise Retained Earnings
  - Capital Stabilization
  - Free Cash
  - Revolving Fund
  - CPA
  - Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0				
CPA Amount Requested	\$0				
<b>Net of CPA and Grants</b>		<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>

- CPA Purpose(s)**  
Check all that apply
- Open Space
  - Recreation
  - Historical
  - Housing

<b>Operating Budget Impact</b>					
During Project	\$0				
Post-Project Annual					
Post-Project One-time	\$0				



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 11-9-16

Date of Last Edit: 10-12-17\_

Project Number:	FY 2023-298-01		
Project Title:	Replacement of Docks and Electrical on docks Cole Parkway Marina		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone

**Department Priority:**

- Urgent/Legally Required
- Maintain Service
- Enhancement

Project is:	NEW <input type="checkbox"/>	Recurring <input type="checkbox"/>	Resubmission <input checked="" type="checkbox"/>
	Multiyear <input type="checkbox"/>	Phase ___ of ___	

**Description:**

The request is for the replacement of Docks , Power Pedestals and Wiring At Cole Parkway Marina The docks of been in service for quite some time and are showing their age, there is rot in the wood and the years of pulling them in and out of the water have affected their integrity. It would make sense for us to replace the floats now and try to sell off the docks to a private marina or to another municipality while they are still in somewhat saleable condition. This way we could capture the funds from the sale of the docks and put it back into the enterprise fund. Also replace the wiring on the docks along with the pedestals

**Benefits of Project and Impact if Not Completed:**

The replacement docks would be made of a composite decking material which would hold up better and last longer than the existing all wood docks, the existing docks have wood rot in different areas and are in need of attention, Also the wood decking is splitting from the years of abuse, The decking is extremely costly to replace. The wiring is getting beat up and showing it's age . The pedestals have been damaged over the years are in tough shape and in need of replacement.

**Discuss Operating Budget Impact:**

There will be costs incurred which will impact the budget, maintaining and replacing rotted boards and decking on the existing floats, also as the decks get older they would be much more difficult to sell and less valuable to other marinas. increased cost due to condition and repairs to the electrical system.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2020	FY2021	FY2022	FY2023	FY2024	
Study/Design	\$0						<input checked="" type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input checked="" type="checkbox"/> Debt
Construction	\$0						<input type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$500,000				\$250,000	\$250,000	<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$250,000</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$250,000</b>

**CPA Purpose(s)**  
Check all that apply

- Open Space
- Recreation
- Historical
- Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



November 10, 2016

Cole Parkway Marina  
Town of Scituate  
Scituate, MA

### BUDGET ESTIMATE

*System Type: Heavy duty Sullfloat system- with 2" x 6" Moisture Shield Composite Decking*

#### Main Walkways:

- (6) 16' x 20' Hinged sections
- (8) 7' x 22' Hinged sections
- (50) 7' x 20' Hinged sections

#### Fingers

- (4) 3' x 20' with C-Channel tracks
- (97) 2' x 20' with C-Channel tracks

Total for docks delivered, off-loaded and installed by others \$574,046.00

#### Options:

1. Engineered stamped drawings: \$5,000.00 for docks. \$5,000.00 for gangway.
2. (1) 5' x 80' ADA aluminum gangway \$44,608.00 delivered

*Note: All above pricing does not include any applicable state or local tax.*



**MEECO  
SULLIVAN**  
THE MARINA COMPANY

PRICE INCLUDES:

- Freight to site, purchaser provides off-loading
- All docks delivered complete and ready for installation
- Vinyl dock bumper - white/black
- 12" Galvanized mooring cleats and attachment hardware ( ) per boat
- Chain and roller/plate and eyebolt type pile guides
- 3/4" x 6" Eyebolts for anchoring
- Utility access panels- full width - 12' on center
- High impact resistant polyethylene floats with foam core - 12" in height
- .60 CCA pressure treatment in wood framing
- Stainless steel deck screws, #10 x 3"
- 2" x 6" Moisture shield composite decking
- Recycled grey plastic decking
- Mechanically laminated side beams
- Anti-torsion truss system throughout

Payment Schedule

Town Purchase Order with total due 30 days after delivery

Respectfully Submitted by:  
Meeco Sullivan, LLC.

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Robert Sullivan  
Vice President

Matt Beechinor  
Sales Representative

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**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 10-12-17

Date of Last Edit: \_\_\_\_\_

Project Number:	2023-298-02		
Project Title:	Unit 1 Repower		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring        Resubmission   

                  Multiyear        Phase \_\_\_ of \_\_\_

**Description:**

Replace the (2) 200hp outboard engines Unit 1.

**Benefits of Project and Impact if Not Completed:**

less reliable and higher maintenance cost on aging/ high hour engines.

**Discuss Operating Budget Impact:**

Increased maintenance cost due to engines reaching end of life based on engine hours.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$43,000				\$43,000	
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$43,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$43,000</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$43,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$43,000</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 11-9-16

Date of Last Edit: 10-12-17\_

Project Number:	FY 2024-298-01		
Project Title:	Replacement of Docks and Electrical on docks Cole Parkway Marina		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is: NEW  Recurring  Resubmission

Multiyear  Phase \_\_\_ of \_\_\_

**Description:**

The request is for the replacement of Docks , Power Pedestals and Wiring At Cole Parkway Marina The docks of been in service for quite some time and are showing their age, there is rot in the wood and the years of pulling them in and out of the water have affected their integrity. It would make sense for us to replace the floats now and try to sell off the docks to a private marina or to another municipality while they are still in somewhat saleable condition. This way we could capture the funds from the sale of the docks and put it back into the enterprise fund. Also replace the wiring on the docks along with the pedestals

**Benefits of Project and Impact if Not Completed:**

The replacement docks would be made of a composite decking material which would hold up better and last longer than the existing all wood docks, the existing docks have wood rot in different areas and are in need of attention, Also the wood decking is splitting from the years of abuse, The decking is extremely costly to replace. The wiring is getting beat up and showing it's age . The pedestals have been damaged over the years are in tough shape and in need of replacement.

**Discuss Operating Budget Impact:**

There will be costs incurred which will impact the budget, maintaining and replacing rotted boards and decking on the existing floats, also as the decks get older they would be much more difficult to sell and less valuable to other marinas. increased cost due to condition and repairs to the electrical system.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$250,000					\$250,000
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 10-16-17

Date of Last Edit: \_\_\_\_\_

Project Number:	2024-298-3		
Project Title:	Repower of Unit 2		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone

Department Priority:

Urgent/Legally Required

Maintain Service

Enhancement

Project is:      New    [ X ]      Recurring [ ]      Resubmission [ ]

                  Multiyear [ ]      Phase \_\_\_ of \_\_\_

**Description:**

Replace the 250hp outboard engines Unit 2.

**Benefits of Project and Impact if Not Completed:**

Less reliable and higher maintenance cost on aging/ high hour engine.

**Discuss Operating Budget Impact:**

Increased maintenance cost due to engines reaching end of life based on engine hours.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2020	FY2021	FY2022	FY2023	FY2024
Study/Design	\$0					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$24,870					\$24,870
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$24,870</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$24,870</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$24,870</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$24,870</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					



**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2020 - FY2024**

Date submitted: 10-26-17

Date of Last Edit: 9-24-18

Project Number:	2024-298-04
Project Title:	Harbormaster Office Renovations ADA
Category:	
Department: Harbormaster	Contact: Stephen Mone

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New        Recurring [  ]    Resubmission [  ]

Multiyear [  ]

**Description:**

Contract with an Architectural/Design/Consulting Firm for renovation design to the harbormaster's office, update bathrooms and showers and to make building ADA accessible.

**Benefits of Project and Impact if Not Completed:**

This building was built in the early 1980s and with the increased use of the harbor by boaters, marina tenants, marina transients and mooring users the restrooms and shower areas of the Harbormaster office should be updated to meet current standards. This project is very important and overdue. The restrooms/showers are not easily accessible to people with disabilities.

**Discuss Operating Budget Impact:**

Updating the restrooms and shower areas and the harbormaster's office would make for a more pleasant experience when visiting Scituate by boat from out of town, also more enjoyable for the tenants of the harbor. The nicer the facilities the more apt the boater is to return. That would in turn bring more revenue to the Waterways Enterprise Fund.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year				
		FY2018	FY2019	FY2020	FY2021	FY2022
Study/Design	\$75,000					
Land Acquisition	\$0					
Construction	\$0					
Equipment/Furnishings	\$0					
Contingency	\$0					
Other	\$0					
<b>TOTAL</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Funding Source(s)**  
Check all that apply

Tax Levy

Debt

Enterprise Retained Earnings

Capital Stabilization

Free Cash

Revolving Fund

CPA

Grant(s) or Other \_\_\_\_\_

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0
Post-Project Annual	
Post-Project One-time	\$0





**TOWN OF SCITUATE  
CAPITAL PROJECT SUBMISSION**

Updated as of: October 2016

**Capital Improvement Program: FY2018 - FY2022**

Date submitted: 11-9-16 Date of Last Edit: 9-21-18

Project Number:	FY 2024-298-02		
Project Title:	Replacement of 2004 Harbormaster Truck		
Category:			
Department:	Harbormaster	Contact:	Stephen Mone

**Department Priority:**

Urgent/Legally Required

Maintain Service

Enhancement

Project is:    New    [ ]    Recurring [ ]    Resubmission [ X ]

                  Multiyear [ ]    Phase \_\_\_ of \_\_\_

**Description:**

The request is for a replacement of the 2004 Harbormaster truck, the truck is used on a regular basis by the harbormaster Department to go between the different facilities that the harbormaster's Department has been charged with maintaining, the truck that is in service today is a 2004 GMC.

**Benefits of Project and Impact if Not Completed:**

Replacement of this truck would be beneficial a newer truck would be more reliable , Also the vehicle would be more economical to operate.

**Discuss Operating Budget Impact:**

The operating cost and maintenance cost associated with an older vehicle will be much greater.

**Recommended Financing**

Funding Category	Five-Year Total	Estimated Project Costs by Fiscal Year					Funding Source(s) Check all that apply
		FY2018	FY2019	FY2020	FY2021	FY2022	
Study/Design	\$0						<input type="checkbox"/> Tax Levy
Land Acquisition	\$0						<input type="checkbox"/> Debt
Construction	\$0						<input checked="" type="checkbox"/> Enterprise Retained Earnings
Equipment/Furnishings	\$43,000						<input type="checkbox"/> Capital Stabilization
Contingency	\$0						<input type="checkbox"/> Free Cash
Other	\$0						<input type="checkbox"/> Revolving Fund
<b>TOTAL</b>	<b>\$43,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<input type="checkbox"/> CPA
							<input type="checkbox"/> Grant(s) or Other _____

Grant Amount Requested	\$0					
CPA Amount Requested	\$0					
<b>Net of CPA and Grants</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**CPA Purpose(s)**  
Check all that apply

Open Space

Recreation

Historical

Housing

**Operating Budget Impact**

During Project	\$0					
Post-Project Annual						
Post-Project One-time	\$0					