

TOWN OF FALMOUTH
FISCAL 2018
CAPITAL IMPROVEMENT PLAN

Description	Dept	FY 17 Proposed	FY 18 Request	FY 18 Proposed	FY 19 Program	FY 20 Program	FY 21 Program	FY 22 Program	FY 23 Program	FY 24 Program	FY 25 Program	FY 26 Program	FY 27 Program
CAPITAL PROGRAM & BUDGET													
		CAPITAL		CAPITAL									
		BUDGET		BUDGET									
CAPITAL PROGRAM & BUDGET SUMMARY:													
General Government		571,704	653,500	653,500	306,000	232,000	167,000	157,000	118,000	118,000	118,000	118,000	118,000
Public Safety		617,006	3,007,200	2,124,200	10,305,591	2,083,516	1,167,487	2,140,082	1,802,826	1,565,000	2,164,149	1,203,150	1,079,000
Community Development		0	15,000	15,000	0	0	0	0	0	0	0	0	0
Public Works		3,153,102	9,861,000	3,620,000	12,996,000	5,548,000	6,555,000	4,692,000	5,145,000	4,750,000	64,975,000	4,840,000	5,310,000
Community Services		30,000	329,380	308,980	671,500	512,500	50,000	60,000	452,500	2,500,000	250,000	400,000	400,000
Schools		490,000	952,000	952,000	1,000,000	4,000,000	3,500,000	2,900,000	1,000,000	3,500,000	0	1,000,000	0
Total Capital Budget		4,861,812	14,818,080	7,673,680	25,279,091	12,376,016	11,439,487	9,949,082	8,518,326	12,433,000	67,507,149	7,561,150	6,907,000
Funding Sources:				5,728,080									
Free Cash (capital)													
Free Cash (non-capital)													
stabilization fund				1,100,000									
Waterways Improvement Funds				200,000									
Art 20 11/14 King Street				52,560									
Art 18 11/14 Dispatch Equip				160									
Art 9 4/15 Improve Dispatch Ctr				66,500									
Art 21 04/15 White Pine Lane				41,580									
Art 9 11/15 Dispatch Center				75,000									
Art 10 4/13 Finance Software				33,400									
Art 16 11/13 GIS Flyover				97,000									
Art 16 11/13 Portable radios				250,000									
Art 53 11/12 Fish Ladder				29,400									
Total Funding Sources		0		1,945,600									
General Government													
Computers, Licenses and Networking	IT				49,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Network Upgrades	IT	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
Computer Equipment and Maintenance	IT				25,000	25,000	25,000	25,000	10,000	10,000	10,000	10,000	10,000
Systems Training	IT				5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
PC Monitors and Software	IT	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000
Phone System and Maintenance	IT		53,000	53,000	120,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Utility Billing System	IT		100,000	100,000									
GIS Equipment & Software Updates	IT						10,000						
GIS Plotter	IT												
GIS Flyover	IT					50,000							
Revaluation	FIN	220,000											
Golf Equipment	GG	54,704	50,000	50,000									
Town Hall Bathroom remodel	GG	30,000											
Business Equipment	GG	40,000											
DPW Building Condensing Boilers	GG	55,000											
Police Dept Boiler plant retrofits	GG	90,000											
Compensation/Classification Study	GG		70,000	70,000		25,000							
Laserfiche upgrade (document Management)	GG		8,500	8,500									
Human Service Relocation	GG				25,000								
Radios for Fire, DPW and MES	GG		210,000	210,000									
Vulnerability Assessment			80,000	80,000									
Total General Government		571,704	653,500	653,500	306,000	232,000	167,000	157,000	118,000	118,000	118,000	118,000	118,000
Public Safety													
Police Department													
Police Vehicle Replcmnt (2 Ford Fusion/1 Ford Interceptor)	PD	94,956											

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Parking Lot Restructure	PD		650,000	650,000									
Feasibility/Redsign of police station	PD		50,000	50,000									
Workstations and software	PD		11,000	11,000									
Vehicle/Detective	PD				28,591			32,879			35,000		
Ford F250	PD								41,566				
SRO Vehicle	PD								47,000				
Mobile Data Terminals	PD					49,016	50,487				58,528	61,150	
Access Control System	PD	60,000											
Fingerprint software (Central Processing)	PD	23,000						25,000					30,000
Office Equipment/Furniture	PD				15,000		15,000		15,000		15,000		15,000
Traffic Radar	PD								35,000				
Police Vehicle Radios	PD												120,000
Security Gates	PD												35,000
Building Security	PD							40,000					60,000
Fingerprint Machine (Records)	PD				13,000					15,000			
Firearms (Long Guns)	PD							62,203	37,260				
Firearms (Handguns)	PD										63,621		
Subtotal Police		177,956	711,000	711,000	56,591	49,016	65,487	160,082	175,826	15,000	172,149	61,150	260,000
Fire/Rescue Department													
Fire Chief Vehicle	FD							50,000					
Deputy Chief Vehicle	FD				55,000								
Dive Support Vehicle	FD							150,000					
Ambulances	FD		345,000	345,000	350,000	350,000			360,000			370,000	
FPI Vehicle	FD								45,000				
Fire Prevention Officer Vehicle	FD								45,000				
Fire Alarm Truck Replacement	FD		145,000		145,000								
EMS Supervisor Vehicle (C33)	FD								50,000				
Forestry Vehicle	FD						115,000						
Fire Engine	FD		750,000	750,000	800,000	800,000				900,000	925,000		
Ladder Truck replacement (combo Ladder/Heavy Rescue)	FD				1,250,000								
Marine 1	FD												400,000
Rescue Boat (RB2)	FD						38,000						
STA3/4 Design & Constr. Drawings	FD		630,000		630,000								
Mechanic Vehicle w/plow (car 29)	FD	70,000											80,000
Radio System/MDU	FD							700,000					
Monitors/Defibrillators	FD	230,000										235,000	
Shift Commander Vehicle (car 28)	FD					60,000							
Paramedic Vehicle (34)	FD					60,000							
Fire Equipment/Gear	FD		45,000		45,000	47,500		50,000		55,000		60,000	
Personal Protective Equipment	FD						230,000						
IV Pumps (FDA Required)	FD	30,000											
Fire Gear/Washer	FD		20,000		20,000								
Station Consolidation	FD				6,300,000								
Subtotal Fire/Rescue		330,000	1,935,000	1,095,000	9,595,000	1,317,500	383,000	950,000	500,000	955,000	925,000	665,000	480,000
Marine and Environmental Services													
Officer Truck (Ford 250) replace with a F150	MES												
Annual Inlet Dredging	MES	50,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Rivers and Pond Maintenance (water quality)	MES												
Boat Trailers	MES				20,000						20,000		
Aids to Navigation/Lights	MES					10,000					10,000		
Radio Replacement	MES				10,000			10,000			10,000		
Replace Robbins Floats	MES						150,000						
Replace Marina Floats	MES							600,000					
Ramp Float Replacement	MES												
MES 1 - Director Vehicle - 2015 Interceptor	MES						37,000						37,000
MES 2 - Dep Director Vehicle - 2014 F-150	MES						37,000					37,000	
MES 3 - DNR Truck - 2013 F-150	MES					37,000					37,000		
MES 4 - Fisheries/MES Truck - 2017 F-150	MES	25,300											
MES 5 - Animal Control Vehicle - 2017 F-150	MES									37,000			
MES 6 - 2006 F350 Maintenance Truck	MES		43,000		43,000					40,000			

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ATV Replacement	MES					10,000					10,000		
Gel Coat Refurbish	MES						20,000					20,000	
Engines 104 (2)	MES									40,000			
Engine 105	MES		18,200	18,200					17,000				
Engines 106 (2)	MES					30,000					30,000		
Engine 107	MES							20,000					
Engine 108	MES				8,000					8,000			
Engine 109 (shellfish)	MES				10,000					10,000			
(3) Boat Replacement (104,105,106)	MES				250,000			85,000	150,000				
New Pump-out Boat 107	MES	90,000								100,000			
New Pump-out Boat 107 (Grant)	MES	-56,250											
Boat Replacement 108	MES								20,000				
Boat Replacement 109	MES					45,000							
Fork lift/lift truck	MES				13,000								15,000
Marina Generator	MES					25,000							
Shellfish Gear	MES						25,000					25,000	
In Town Shellfish Relay	MES				15,000		15,000		15,000		15,000		
Security Cameras/Equipment	MES					25,000					25,000		
Remodel Restrooms	MES						35,000						
Coastal Pond Studies	MES					10,000					10,000		
Permitting/Engineering	MES				35,000					35,000			
Great Pond Ramp	MES							100,000					
Great Harbor Ramp	MES						100,000						
Great Harbor Dock	MES									110,000			
Megansett Dock	MES					250,000							
West Falmouth Ramp	MES				150,000								
Eel Pond Dock	MES						150,000						
Eel Pond Bridge Dock	MES							75,000					
Flax to 14 Herring Run	MES						50,000						
Babstist 1 Pipe	MES							28,000					
Southview 14 Pipe	MES					75,000							
Robbins Bulkhead	MES												
Simpsons Bulkhead	MES		200,000	200,000								50,000	
Replace AEDs	MES							12,000					12,000
Quissett Bulkhead Repair	MES								275,000				
Green Pond Wood Dock	MES									55,000			
Megansett Ramp	MES								550,000				
Falmouth Inner	MES										550,000		
Green Pond Ramp	MES									60,000			
Child's River Ramp	MES											45,000	
Waquoit Bay Ramp	MES					100,000							
New Marina Bulkhead	MES										250,000		
New Davis Bulkhead	MES											200,000	
New Tide's Bulkhead	MES												175,000
Bog Pond/Bourne Pond Fish Passage	MES		29,000	29,000									
Subtotal Harbor/Pier		109,050	361,200	318,200	654,000	717,000	719,000	1,030,000	1,127,000	595,000	1,067,000	477,000	339,000
Total Public Safety		617,006	3,007,200	2,124,200	10,305,591	2,083,516	1,167,487	2,140,082	1,802,826	1,565,000	2,164,149	1,203,150	1,079,000
Community Development													
Peterson Farm Building Demolition	CD		15,000	15,000									
Subtotal Community Development		0	15,000	15,000	0	0	0	0	0	0	0	0	0
Total Community Development		0	15,000	15,000	0	0	0	0	0	0	0	0	0
Public Works													
Facilities													
Genie Lift	FAC		65,000		65,000								
Town Hall Exterior Paint	FAC							40,000					
Main Street Fire Station Exterior Paint	FAC							40,000					
DPW Old Garage Renovation	FAC		150,000	150,000									
Falmouth Country Club Windows	FAC		50,000	50,000									
Police Station Roof	FAC												
Edward Marks Roof	FAC	35,000											

Description	Dept	FY 17 Proposed	FY 18 Request	FY 18 Proposed	FY 19 Program	FY 20 Program	FY 21 Program	FY 22 Program	FY 23 Program	FY 24 Program	FY 25 Program	FY 26 Program	FY 27 Program
DPW Garage Upgrades (Windows)	FAC												
Town Hall Carpeting	FAC	50,000											
DPW - gas Detection System	FAC	40,000											
Senior Center Building & Grounds Maint.	COA												
Rec Center Exterior Wall Board	FAC												
Emergency Generators (Three)	FD										150,000		
N. Falmouth Fire Station Ext. Paint	FAC		35,000	35,000									
Police Station Electrical Room	FAC					20,000							
Town Hall Basement Renovation	FAC				125,000								
E. Falmouth Fire Station Renovation	FAC	100,000											
W. Falmouth Fire Station Renovation	FAC					75,000							
Rec Center Exterior Paint	FAC					50,000							
DPW Exterior Paint	FAC				35,000								
Main Library interior paint	FAC						100,000						
Town Hall Roof	FAC								200,000				
Building Maint Equipment Failure	FAC									200,000	200,000	200,000	200,000
Woods Hole Fire Station Roof	FAC				35,000								
Town Hall Sarnifil Roof	FAC				150,000								
E.F. Library Carpet Replacement	FAC					35,000							
Animal Shelter Roof	FAC					20,000							
Police Station Exterior Paint	FAC							25,000					
Animal Shelter Side Wall and Trim	FAC							45,000					
Main Street Fire Station Roof	FAC						200,000						
DPW Roof	FAC												200,000
Taft Playground Tennis Courts	FAC				195,000								
Goodwill Park Basketball Courts	FAC					70,000							
Subtotal - Facilities		225,000	300,000	235,000	605,000	270,000	300,000	150,000	200,000	200,000	350,000	200,000	400,000
Highway Department													
Sign making machine	HWY		10,000	10,000									
Road Maint/Construction/Sidewalks	HWY	800,000	890,000	800,000	890,000	890,000	935,000	935,000	935,000	800,000	850,000	850,000	850,000
Electronic Message Boards			15,000	15,000									
Bike Path Maintenance			60,000	60,000									
VEHICLES/EQUIPMENT													
Snow and Ice control package	HWY		150,000	150,000									
One Ton Dumptruck (P-15)	PRK		66,000	66,000									
Replace 2001 Crown Victoria (A-1)	ADM		37,000	37,000									
Fleet Supervisor Vehicle (A-5)	SWR		35,000		35,000								
Sewer Cleaning (Vac-Jet) Truck Replacement	SWR						450,000						
Salt Spreaders, spreader storage and loader attachment	HWY	148,000											
Line Striping Package	HWY	25,000						12,000					
Vehicle/Equipment (see attached detail)	HWY				700,000	750,000	750,000	800,000	800,000	800,000	850,000	850,000	850,000
Replace A3 Crown Victoria	BCH		35,000		35,000								
Replace E1 Ford Explorer with an interceptor	ENG	30,000											
Replace F2 Van	FAC		30,000		30,000								
Replace H11 Utility Truck	HWY		58,000										
Replace H20 Dump Truck	HWY		225,000										
Replace P12 One Ton Dump Truck	HWY		58,000										
Replace S4 F150 Truck	WW		58,000										
Replace W45 Pickup Truck	WTR		30,000										
Replace W42 Backhoe	WTR		110,000										
Refurbish H40 Loader	HWY		30,000										
Replace 1986 Trailer	PRK		9,000										
Buzzhead-road side mowing	PRK		17,102										
Mower	PRK		34,000		34,000								
Large Dump Truck (W-14)	HWY		220,000	220,000									
Highway utility Vehicle (H-15)	HWY		72,000	72,000									
Transit Van	HWY		34,000	34,000									
Beach Maintenance Vehicle (same as above - A3)	BCH		35,000		35,000								
Inspectional Services	INS		25,000		25,000								
Pick Up (H-5)	RCR		47,000		47,000								
2 - 2007 Jeep Compass - replace w Ford Escape	ASG							25,000		25,000			

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Subtotal Highway		1,598,102	1,795,000	1,464,000	1,831,000	1,640,000	2,135,000	1,772,000	1,735,000	1,625,000	1,700,000	1,700,000	1,700,000
Water													
Filter Media Evaluation-Crooked Pond	WTR		60,000	60,000	540,000								
Tech Park Tank Painting Prep	WTR		100,000	100,000	1,400,000								
Fresh Pond Well Perchlorate	WTR		180,000	180,000	170,000	800,000							
Water Telemetry Upgrade	WTR		10,000	10,000	225,000								
Water Meters	WTR	175,000	250,000	175,000	250,000	250,000	250,000	250,000	250,000				
Water Main Replacement - Worcester Court	WTR	180,000											
Water Main Replacement - Coast Guard Woods Hole	WTR	180,000	150,000	150,000									
Water Mains-Main Street Design	WTR	350,000			750,000	913,000	1,000,000	1,190,000	1,180,000	1,370,000	1,370,000	1,370,000	1,370,000
Water Distribution System Rehabilitation	WTR		5,600,000		6,000,000	500,000	700,000	700,000	900,000	900,000	900,000	900,000	900,000
Subtotal Water		885,000	6,350,000	675,000	9,335,000	2,463,000	1,950,000	2,140,000	2,330,000	2,270,000	2,270,000	2,270,000	2,270,000
Wastewater													
Wastewater System Equipment	WW	125,000	75,000		300,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000
SCADA Communication Upgrades	WW	195,000			225,000								
Septage Receiving Upgrades	WW		200,000	200,000									
Vulnerability Assessment, ERP, Coastal Reslncy Plan	WW				75,000								
WWTF Control Room Addition	WW						1,500,000						
Sewer Main Rehab	WW								250,000				250,000
Additional CWMP Development & Nutrient Mgmt	WW				TBD				TBD				TBD
WWTF Fuel Tank Replacement	WW		95,000	95,000									
Sewer Cleaning (Vac-Jet Truck Replacement)	WW					470,000							
Nutrient Mngmt / Sewer Const Appropriation (SRF loan)	WW										60,000,000		
Subtotal Wastewater		320,000	370,000	295,000	600,000	695,000	1,725,000	225,000	475,000	225,000	60,225,000	225,000	475,000
Engineering/Admin													
Coastal erosion	ENG		500,000	500,000	500,000	500,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000
Bridge Maintenance	ENG	50,000	100,000	100,000	110,000	120,000	150,000	160,000	160,000	175,000	175,000	180,000	200,000
Rivers/Pond Maintenance	ENG	25,000	25,000	25,000	25,000	25,000	30,000	30,000	30,000	40,000	40,000	50,000	50,000
NPDES Compliance	ENG	50,000	50,000	50,000	100,000	100,000	100,000	50,000	50,000	50,000	50,000	50,000	50,000
Transportation Engineering Services	ENG		105,000	50,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000
DEP Compliance	ADM		10,000		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Subtotal Engineering		125,000	790,000	725,000	350,000	360,000	395,000	355,000	355,000	380,000	380,000	395,000	415,000
Parks													
Sand Pro	PRK		26,000	26,000									
Mt 55 Mini Track Loader	PRK		30,000		30,000								
Field Maintenance	PRK		200,000	200,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Taft Playground Tennis Courts	PRK				195,000								
Goodwill Park Basketball Court	PRK					70,000							
Subtotal Parks		0	256,000	226,000	275,000	120,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
TOTAL DPW		3,153,102	9,861,000	3,620,000	12,996,000	5,548,000	6,555,000	4,692,000	5,145,000	4,750,000	64,975,000	4,840,000	5,310,000
Recreation													
Equipment for Rec Center	REC		21,000	10,600									
Teen Center Furniture and Games	REC	20,000											
New Athletic Field at Sandwich Road Fields	REC											400,000	400,000
Replace Gym Floor/Curtain	REC				300,000								
Admin Softball Lights (Materials Only)	REC					160,000							
Exercise Station at Trotting Park	REC						20,000						
Frisbee Golf Course	REC						30,000						
Playgrounds at Sandwich Rd & Trotting Park	REC							60,000					
Fix Fields at Trotting Park & Sandwich Rd	REC								150,000				
Replace Basketball rims and backboards	REC									?			
Outdoor Pickleball courts	REC										250,000		
Total Recreation		20,000	21,000	10,600	300,000	160,000	50,000	60,000	150,000	0	250,000	400,000	400,000
Library													
Window Replacement	LIB		175,000	175,000									
Telephone System	LIB		50,000	50,000									

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Security Gates	LIB		50,000	50,000									
N Falmouth Branch Library	LIB								300,000	2,500,000			
	COA												
Total Library		0	275,000	275,000	0	0	0	0	300,000	2,500,000	0	0	0
Beach													
Nourishment/Site Improvements	BCH												
<i>moved to operating budget</i>	BCH												
Trash Containers	BCH		16,500	16,500	16,500								
Lifeguard Chairs	BCH					2,500			2,500				
Repair Jetties	BCH				300,000								
Storage Vaults	BCH	10,000											
Old Silver Bathhouse-redesign	BCH		10,000		40,000	350,000							
Chapoquoit Beach Nourishment	BCH				70,000	150,000							
<i>Donations account</i>	BCH				-70,000	-150,000							
Roller Curtains - Concession Stands	BCH				15,000								
Lifeguard Chair Sun Tops (8)	BCH		6,880	6,880									
Total Beach		10,000	33,380	23,380	371,500	352,500	0	0	2,500	0	0	0	0
Total Community Services		30,000	329,380	308,980	671,500	512,500	50,000	60,000	452,500	2,500,000	250,000	400,000	400,000
Subtotal Capital (General Fund)		4,371,812	13,866,080	6,721,680	24,279,091	8,376,016	7,939,487	7,049,082	7,518,326	8,933,000	67,507,149	6,561,150	6,907,000
Schools													
Kitchen Upgrades & Repairs - EF, NF, TT	SCH	200,000											
Safety, Security & Communications Upgrades	SCH	135,000											
Replace Gym Floor - EF	SCH	155,000											
Mullen Hall Cupola Repair Design	SCH		50,000	50,000									
Falmouth High School Field Design	SCH		72,000	72,000									
Boiler Replacement - East Falmouth	SCH		360,000	360,000									
Boiler Replacement - Morse Pond	SCH		470,000	470,000								200,000	
Boiler Replacement - North Falmouth	SCH					400,000							
Roof Repairs and Replacements (All buildings)	SCH					3,000,000		2,500,000		2,500,000			
Internal Building Repairs (All buildings)	SCH				1,000,000	200,000	800,000	400,000	600,000	400,000		800,000	
Controls/Univents (All buildings)	SCH					400,000	200,000						
TRIGEN System - FHS	SCH								400,000				
Track & Field - FHS	SCH						2,500,000						
Gym Roof for Shelter - FHS	SCH									600,000			
Subtotal Schools		490,000	952,000	952,000	1,000,000	4,000,000	3,500,000	2,900,000	1,000,000	3,500,000	0	1,000,000	0

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Information Technology	Submitted/Prepared By:	V. O'Connor	Priority #1	
Project Title/Description:	Town-Wide Network Infrastructure Upgrades				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	24,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	24,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	24,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Capital request to continue town-wide network infrastructure improvements including hardware and software upgrades within and between buildings as well as wireless access within Town buildings.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Information Technology	Submitted/Prepared By:	V. O'Connor	Priority #2	
Project Title/Description:	Hardware & Software Upgrades				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	58,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	58,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	58,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Capital request to continue lifecycle replacements of aging hardware and software including: computers, peripherals and software, as well as corresponding service and license agreements.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Information Technology	Submitted/Prepared By:	V. O'Connor	Priority #3	
Project Title/Description:	Telephone System Upgrades				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	53,000	DPW Phone System
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	53,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	53,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

The existing DPW telephone system is old and in need of replacement. Requesting capital to replace the existing DPW telephone system and associated infrastructure. This will be an expansion of the new Town Hall/PD VOPI (Voice Over Internet Protocol) telephone system.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW,ASSESSORS, IT	Submitted/Prepared By:		
Project Title/Description:	Conversion of Utility Billing and Betterment Billing			

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	92,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	92,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	92,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other (Support, license and maintenance)</i>		8400
Total O & M	0	8400

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Explanation:

This request is to convert DPW Utility Billing and Assessor's Betterment billing files from the current Top Gun billing program.

Need:

The current Top Gun program was written by IT staff in the 1980's. We no longer have support for the program or full time staff to support the program. The DOS program is no longer used in programming. The software company who maintained the hardware is no longer in business.

Goals:

This request will begin the process of converting more then 20 Top Gun programs that are being used for utility billing and betterment billing. With this conversion we will no longer have multistep programs to make entries into the program. It will allow us to stream line our billing within one system.

Performance Measurement:

The measurement for the project is that we will have software that will run many programs within one system, as well being able to maintain the software and server.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Town Manager	Submitted/Prepared By:	P. Johnson-Staub	
Project Title/Description:	Golf Course Equipment			

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	50,000	
<i>Maintenance</i>	0	Responsibility of Private Operator
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	50,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

This is a request for equipment needed to maintain the Falmouth Country Club. Maintaining a golf course requires a considerable inventory of equipment. Regular replacement of equipment is needed to ensure reliability and avoid excessive down time and repair costs. Under the terms of the existing lease, the Town is obligated to supply the private operator with a certain amount of equipment each year. This years funds are requested to replace a Font End Loader with an estimated cost of \$50,000.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Personnel	Submitted/Prepared By:	Denise Coleman	
Project Title/Description:	Compensation/Classification Study			

Estimated Costs (attach additional information if available)	
Capital:	Cost
<i>Equipment</i>	
<i>Maintenance</i>	
<i>Planning/Study</i>	FY18; \$70000; FY20: 25000
<i>Design</i>	
<i>Construction</i>	
<i>Land Acquisition</i>	
<i>Other</i>	
<i>Contingency</i>	
Total Capital	FY18; \$70000; FY20: 25000

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

The Personnel Department is requesting funding for a Compensation/Classification Study for particular positions and unions to be performed (in FY18?)

The purpose of the Compensation/Classification Study is to evaluate the Town of Falmouth's current position within the salary market, ensure job descriptions are up to date, identify internal equity issues and to re-evaluate the current classification system. The study is applicable to various positions, including DPW and AFSCME A union positions, both of which require classification studies every 5 years per their respective collective bargaining agreements.

The study will provide insight and recommendations as to whether the Town's current compensation structure and position within the market is effective or in need of adjustments.

The study will also include the evaluation of select job descriptions and the potential need to perform edits and/or major re-writes to improve the effectiveness of the documents as primary sources of information for recruitment, setting clear performance expectations and retention.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Town Clerk	Submitted/Prepared By:	Michael Palmer	Priority #	
Project Title/Description:	Upgrade of Laserfiche, document management software and scanning of meeting minutes				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	3,800	software upgrade
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>	4,630	Scanning
<i>Contingency</i>		
Total Capital	8,430	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	8,430	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M	0	

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

The Town Clerk's office is responsible for the storage and retrieval of documents. Laserfiche is a document management software program that allows for the storage and retrieval of documents. The current version of Laserfiche was purchased in 2006, many capabilities of Laserfiche are not supported with our current version and many functions of our version of Laserfiche do not work with our present operating system. Meeting minutes may be scanned and imported into Laserfiche for storage and retrieval purposes. Boxes of meeting minutes are presently stored in the attic and basement of Town Hall. This is not an ideal system to providing access to these documents.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	FIRE/DPW/MES	Submitted/Prepared By:		
Project Title/Description:	Replacement of Portable Radios			

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	210,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	210,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	210,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Explanation:
This request is the final phase of a multiple phase project to replace radios in the Fire, MES and DPW.

Need:
The current portable radios carried by the listed departments are at the end of life. These radios are old technology and need to be replaced with digital radios. As these radios get older, they become more difficult to obtain as parts are now obsolete and difficult to find.

Goals:
In 2016, \$240,465 was received for Capital Improvement for the purchase of digital radios for the Police Department. This final request will serve to complete the purchase of the needed digital radios for the above listed departments. The described infrastructure improvement, along with the purchase of digital radios, will make communications more consistent and reliable for all parties involved.

Performance Measurement:
The measurement for this project is clear, it is imperative that we have consistent radio communications as well as the ability to properly maintain this equipment.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	General Government	Submitted/Prepared By:	Peter Johnson-Staub	
Project Title/Description:				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>	80,000	
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	80,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	80,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Funds are requested to contract with a coastal engineering firm to conduct a coastal resilience vulnerability and risk assessment. This assessment will build on the Multi-Hazard Mitigation Plan prepared by the Town and recently approved by FEMA, as well as the work of the Coastal Resiliency Action Committee. The study will provide site specific information on where and what is at risk given current day storms, and future sea level rise (with and without storms). This information can then be used to help prioritize and build resilience through targeted actions.

This study may also improve the Town's ability to qualify for future grants.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Police	Submitted/Prepared By:	Capt. Reid	Priority #	1
Project Title/Description:	Parking Lot: Paving, Security, and Safety Enhancements				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
Construction	667,000	
<i>Land Acquisition</i>		
<i>Other</i>		
Contingency	133,000	
Total Capital	800,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	60,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M	0	

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

The lot of the Falmouth Police Department has become significantly degraded due to time and use. The pavement is cracked and broken, with numerous potholes and sinkholes which create trip hazards and inhibit proper drainage. Much of the asphalt curbing has deteriorated to the point of non-existence. The current lot has insufficient parking, particularly for events that require extra manpower such as the Falmouth Fireworks display and the Falmouth Road Race. Additionally, the tendency for members of the public to walk through the rear lot area (particularly children during Falmouth Commodores baseball games pursuing foul balls) creates a potential safety concern if officers need to make a priority response from the police station into town. This proposal would address all of the above concerns. The rear lot would get much of the needed repaving, drainage, and additional parking capacity. The public entrance would be redesigned to create a 2 way Police only entrance/exit onto Main Street where our current public "enter only" driveway is located. The Police Memorial would be relocated to create more parking capacity in front of the Police Department. The rear lot area would be fenced to enhance security and public safety and lighting would be updated.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Police	Submitted/Prepared By:	Capt. Reid	Priority #	2
Project Title/Description:	Feasibility / Redesign of Facility Structure				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>	60,000	
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	60,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	60,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

The money requested is to contract an architectural firm to conduct a feasibility study and architectural design for the first floor of the Police Department facility. When consolidated dispatch moved to the basement floor, a portion of the first floor was left vacant and available for more efficient use. The redesign plan will facilitate improving service delivery to the public by making a more welcoming lobby and easier access to public employees. Additionally, isolated interview rooms will enable Officers to speak with individuals without compromising their privacy to others in the nearby vicinity. Group meetings and training will be relocated to a more convenient location near the lobby, which will enhance both ease of access and facility security. Office space will be maximized and long term records storage will be relocated to the first floor, improving security and better protecting the physical integrity of the documents.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Police	Submitted/Prepared By:	Capt. Reid	Priority #	Three
Project Title/Description:	Workstations for remote substations in schools				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	2,508.39	3 computer workstations
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	2,508.39	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	2,508.39	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

The Police Department is seeking Capital Funds to establish 3 computer workstations to be set up inside three schools in town.

Need: The need for this project is twofold: Establishing remote ministations in the schools not only increases police visibility in the schools but also continues to build on the outstanding partnership with the schools that we currently experience. Establishing these workstations will also improve our effectiveness.

Goal: Strategically creating these mini-stations in certain sectors of our community allows the police officer to conduct an important administrative function without having to leave the sector that they are responsible for patrolling. This will impact the town in a positive way by increasing the response times for calls for service.

Details: The cost for each Dell workstation is \$836.13. The total cost for 3 workstations is \$2,508.39.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Fire/Rescue	Submitted/Prepared By:	M Small, Chief	Priority #:	2
Project Title/Description:	Ambulance				FY '18

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	345,00	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	345,00	

Estimated Cash Flow:	Capital	O&M
<i>FY 2016</i>		
<i>FY 2017</i>		
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		0

Project Need/Goals and Performance Measurement:

This vehicle replacement is part of our ongoing replacement program of Department ambulances.

The FFRD is the busiest Fire/Rescue Department on Cape Cod, responding to approx. 5800 medical emergencies last year alone. Currently, 3 of our 5 ambulances are 10 years old or older, have high mileage and high hours, and have become increasingly non-cost effective to maintain. This mission-critical replacement will allow us to continue to meet the demands for service placed on the Department by our citizens and visitors alike.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Fire/Rescue	Submitted/Prepared By:	M Small, Chief	Priority #:	1
Project Title/Description:	Fire Engine/Pumper				FY '18

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	750,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	750,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2016</i>		
<i>FY 2017</i>		
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:

Needed replacement of a 1996 Pumper.

Originally placed on the 'FY 14 CIP, but never funded, this front line pumper had to be permanently removed from service in June 2017. The 21-year-old Pumper failed its safety inspection due to severe, non- repairable corrosion to the frame. Subsequently, the Department has been forced to operate with only 5 pumpers, resulting in increased station closures, increased response times and increased inefficiencies.

A systematic and planned approach toward apparatus replacement is required in order maintain the life safety of our personnel and provide the level of service our citizens and visitors demand. This pumper will put the Department back to the necessary number of apparatus in order to properly meet this ever increasing demand.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	MES	Submitted/Prepared By:	Gregg Fraser		#3
Project Title/Description:	Dredging				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>	50,000	
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital		

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Funding for annual inlet dredging.

Each spring the county surveys all of the south facing inlets covered under the 10 year comprehensive dredge permit. Based on the pre-dredge surveys, the Waterways Committee and Harbormaster decide which inlets will be dredged based on annual funding available, the county dredge schedule and the dredging time of year restrictions imposed by the DEP.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	MES	Submitted/Prepared By:	Gregg Fraser	#1
Project Title/Description:	Boat Engine Replacement - 105			

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	18,200	includes installation
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	18,200	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Replace the existing engine on the 2004 23' Edgewater 105 with a new engine.
 Current engine: (1) 2004 225 horsepower 4 stroke Yamaha, appoximate hours 1150
 Proposed replacement: (1) 2018 250 horsepower 4 stroke engine

CAPITAL IMPROVEMENT REQUEST FORM

Department:	MES	Submitted/Prepared By:	Gregg Fraser	#	#4
Project Title/Description:	SIMPSON'S LANDING BULKHEAD REPAIR				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>	165,000	
<i>Land Acquisition</i>		
<i>Other</i>	15,000	Clerk of works, bid docs
<i>Contingency</i>	20,000	additional
Total Capital	200,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Final phase of the inner harbor bulkhead repairs. (Main Marina, Tide's Bulkhead and Simpson's Landing)

The same method of repair will be used to repair this bulkhead as was done at the other sites. New sheathing will be installed behind the existing wood bulkhead. The project will include new tie back extensions and drainage improvements.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	MES	Gregg Fraser		
Project Title/Description:	Bog/Bourne Pond Fish Passage			

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>	4,962	Engineering
<i>Construction</i>	20,000	
<i>Land Acquisition</i>		
<i>Other</i>	4,500	Permitting
<i>Contingency</i>		
Total Capital	29,462	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>	29,462	01-295-6006
Total Available	29,462	

Project Need/Goals and Performance Measurement:

This represents the final phase of this fish passage restoration project. In phase one the fish ladder between Caleb's Pond and Bog Pond was replaced and improved. This phase will include engineering, permitting and construction of a new fish passage from Bog Pond to Bourne Pond thereby completing this project. Work will be done in partnership with the Mass Division of Marine Fisheries.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Conservation	Submitted/Prepared By:	Jennifer L. McKay	
Project Title/Description:	Demolition of Peterson Farm house			

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>	15,000	see attached email
<i>Contingency</i>		
Total Capital	15,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	15,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Demolition of house at Peterson Farm. The house is in disrepair and is currently secured with plywood after windows and door were broken by vandals.

see attached email from Jim Grady for cost estimate.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Facilities	Submitted/Prepared By:	S. Newton	Priority #: 1	
Project Title/Description:	DPW Old Garage Renovation				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	\$ 150,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	\$ 150,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	\$ 150,000.00	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		0

Project Need/Goals and Performance Measurement:

The old section of the DPW garage dates back to the 1960's. An addition was put on in 2004 and the old section was only painted and new doors were installed. The renovation will allow for an area for the new fleet manager, renovation of the existing tire and tool rooms and better air quality.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	Facilities	Submitted/Prepared By:	S. Newton	Priority #: 2	
Project Title/Description:	Falmouth Country Club Windows, Trim and Paint				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>	\$ 50,000.00	
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	\$ 50,000.00	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	\$ 50,000.00	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:

The Falmouth Country Club is owned by the Town but leased out. A current renovation was done in 2016 and monies for the entire project were not provided. Only the construction portion of the project was painted. The windows and trim need to be replaced prior to painting. The windows are leaking and the trim is rotted through to the side wall. Last year the the east side of the building was renovating with new headers, windows and clapboard.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	Facilities	Submitted/Prepared By:	S. Newton	Priority #: 3	
Project Title/Description:	N.F. Fire Station Trim and Paint				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>	\$ 35,000.00	
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	\$ 35,000.00	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	\$ 35,000.00	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:

The exterior gutters and trim are rotted. The gutters and trim are wood construction. The trim will be replaced with a product made of composite. The windows were replaced but the trim and sills were not.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	HIGHWAY DIVISION	Submitted/Prepared By:	James F Grady Jr.	PRIORITY	# 4
Project Title/Description:					

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	10,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	10,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	10,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

This request is for the purchase of a sign making machine. This system will allow the Highway Division to produce signs " in house" rather than having to order them from a vendor. Having the ability to produce signs within the division will help speed up the replacement of faded or broken signage throughout the community . This would also be a benefit to many of the other town departments who work closely with the Highway Division such as the Beach department, Parks division, Police, Fire and Marine services. Often times, The division takes on custom sign requests for parking enforcement, hours of operation, and directions to name a few. This will greatly help in these situations where the particular signage is not standard.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	HIGHWAY	Submitted/Prepared By:	James F. Grady Jr	priority	# 1
Project Title/Description:					

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>	240,000	
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>	650,000	
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	890,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	890,000	
<i>FY 2019</i>	890,000	
<i>FY 2020</i>	890,000	
<i>FY 2021</i>	935,000	
<i>FY 2022</i>	935,000	
<i>FY 2023</i>	935,000	
<i>FY 2024</i>	980,000	
<i>FY 2025</i>	980,000	
<i>FY 2026</i>	980,000	
<i>FY 2027</i>	1,025,000	

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

This request is for funds needed to maintain, install and repair the streets and sidewalks within our community. Maintenance will include the yearly line striping and detail work associated with the towns street markings as well as the continuing efforts to preserve the longevity of our streets with our cracksealing program. Further, the construction funds are necessary to keep up with the growing need for storm drainage upgrades and the resurfacing of roadways within the community. Sidewalk improvements have been a priority and many have been completed thanks to past funding in FY 17. The requested funds would allow the Highway Division to continue providing these necessary improvements.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	HIGHWAY	Submitted/Prepared By:	James F Grady Jr.	Priority	# 3
Project Title/Description:					

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	15,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	15,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	15,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

This Capitol request is for an additional electronic message board for the Highway Division. Currently the division has two, which have proven to be invaluable in many ways. Message boards are used often to provide information during construction projects, detours and hazards. Further, these particular pieces of equipment are used for many different public events such as the Fourth of July fireworks, Street fair, Road Race and Christmas parade to name a few. They have proven to be a key part of relaying information to the public. Having an additional message Board will broaden our ability to get necessary information to the public when needed.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	Highway Division	Submitted/Prepared By:	James F Grady Jr.	priority	# 5
Project Title/Description:	BICYCLE ACCOMMODATIONS				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>	60,000	
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	60,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	60,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Public Works Highway is requesting funds proposed by the bikeways committee. The SSBW is in need of a great deal of asphalt repairs that the Highway operating budget cannot withstand. The path is sustaining a great deal of asphalt damages from the vast number of Black Locust trees which have encroached upon the path. This has brought to light the need to address the trees and the asphalt damage along the path. The requested funds will help start the necessary repairs along the SSBW.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	Highway Division	Submitted/Prepared By:	James F. Grady Jr.	PRIORITY	#2
Project Title/Description:	2018 SNOW AND ICE CONTROL PACKAGE - STREETS AND SIDEWALKS				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	150,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	150,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	150,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

The Highway Division requests funds for additional Snow and Ice equipment for FY 18. This particular request will aid in removal of snow and ice from our communities streets and sidewalks.

SALT SPREADERS

The Division currently has nine large sanders, two which were replaced last year. Two of the oldest salt spreaders currently in the fleet have met the end of their life cycle. At close to twenty years old, they have become costly to maintain and have become less reliable in the field. Replacing two of the towns oldest sanders will help eliminate breakdowns and keep the salt spreaders on route when needed most.

MINI-LOADER/ SIDEWALK PLOW

Sidewalk plowing is a large and very important part of snow and ice operations. Keeping sidewalks accessible for the public following any snow event is a priority. Currently the town had a Bombadier V-Plow which is good in some ways and bad in others. It is limited in its ability to move snow. As many have seen over the years, the V-Plow pushes the snow well, but half ends up back in the street and the other half is thrown to the inside. Trading in the V-plow and purchasing a mini- Loader will be more effective and be usefull year round. This machime accepts many different attachments and will allow us to move piles of snow in our intersecting streets where sidewalks and crosswalks get blocked in by snow after plowing.

Fisher 9' V- Plows

Snow plow technology has changed in past years. The introduction of the V-Plow has changed the way snow is plowed all together. Having the ability to have a plow that scoops, stays straight or goes into V- form has increased the productivity completely. Parking lots and tight areas are plowed with ease not to mention the ability to use the v-Plow to enter an area where theres heavy snow accumulation. The Highway Division currently has two of these plows and they have proven to be extremely usefull in the field. Adding two more to the fleet will give us a large advantage during snow events.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	Highway Division	Submitted/Prepared By:	James F Grady Jr.	PRIORITY	#5
Project Title/Description:	P-15 replacement				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	66,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	66,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	66,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

The Parks Division is requesting the replacement of a 1- ton Dump truck. This vehicle is a 2003 F-350 1-ton dump with over 100000 miles on it. It is used as a day to day construction and maintenance vehicle which provides support to all of our parks and town owned buildings and properties. This vehicle has met the end of its life cycle and is in need of replacement.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	Highway	Submitted/Prepared By: James F Grady Jr.	Priority	# 1
Project Title/Description:	Director of Public Works			

Estimated Costs	Additional information if available)	
Capital:	Cost	Comments
<i>Equipment</i>	37,000	AWD - Ford Taurus
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	37,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	37,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M	0	

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Goals and performance measures

This Administrative vehicle is currently utilized by the Director of Public Works. It is a 2001 Ford Crown Victoria, VIN # 2FAFPT3W7X190323, with 130,000 miles. Although painted several years ago to extend its life cycle, the vehicle is experiencing undercarriage rusting and other signs of age. It is time to consider replacement of this vehicle along with its sister vehicle A-2.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	HIGHWAY	Submitted/Prepared By:	James F Grady Jr.	Priority	# 2
Project Title/Description:	W-14 replacement				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	220,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	220,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	220,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Public Works requests replacement of one large dump truck. This vehicle is presently used by the Water Division. Its primary use is on main laying projects, main and service breaks and snow and ice control. This truck is a 1998 Chevy with 100,000 miles and has met the end of its life cycle. Trucks of this age and size become very costly to repair and some parts have been difficult to find and in some cases not even available. It is important to continue the replacement of these large dump trucks as repairs are becoming all too often. Its also important to remember how important these trucks are to Snow and Ice operations. This particular truck is on a primary route each storm plowing and salting the streets of our community.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	HIGHWAY DIVISION	Submitted/Prepared By:	James F Grady Jr.	PRIORITY	# 3
Project Title/Description:	H-15 Replacement				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	72,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	72,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	72,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

This request is for the replacement of the Highways construction and maintenance utility vehicle. H-15 is a 2001 Ford F-350 utility. This vehicle is the day to day "WORK HORSE" of the division. It is the key piece of equipment in any construction that the department takes on. Drainage installations and repairs, asphalt work, general infrastructure maintenance and snow plowing are just a few of the roles this vehicle plays in our operations. Almost all tasks require materials and our bobcat which this truck pulls on a trailer every day. Further more, it is loaded at all times with any and all tools and materials which may be needed to undertake countless projects.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	Highway	Submitted/Prepared By:	James F Grady Jr	PRIORITY	# 4
Project Title/Description:	EQUIPMENT & VEHICLE REPLACEMENT				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	34,000	Transit Van
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	34,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	34,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M	0	

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:

Vehicle replacement for F-2, VIN# 1FTNE24282HB37382, a 2001 ford van with 90,316 miles. This vehicle is used by the Facilities Division daily. F-2 is driven by the divisions supervisor, performing many maintenance tasks on all of our town owned buildings. This van will be replaced with a new Ford Transit van.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW Water	Submitted/Prepared By:	Stephen Rafferty	Priority #:	# 5
Project Title/Description:	Filter Media Evaluation - Crooked Pond Plant				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>	60,000	Prepare bid document FY18
<i>Construction</i>	540000	FY19 procurement
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	0	

Estimated Cash Flow:	Capital	O&M
<i>FY-2017</i>	60,000	
<i>FY-2018</i>	540,000	
<i>FY 2019</i>	0	
<i>FY 2020</i>	0	
<i>FY 2021</i>	0	
<i>FY 2022</i>	0	
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M	0	

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:

The Crooked Pond water treatment plant produces 2.5MGD of water with three (3) filters utilizing Manganese Greensand as the filter medium. Filtration media requires periodic replacement depending on use and water quality characteristics. The current filter media has been in continuous service for seven years. In the Spring of 2015 a detailed inspection of the media was done and a recommendation to replace the media within 1 to 3 years to maintain optimum performance was received.

Project cost was included in most recent rate report.
 Estimated Cash Flow based on 5 year note
 Estimated replacement cost is approximately \$540K.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW Water	Submitted/Prepared By:	Stephen Rafferty	Priority #:	# 4
Project Title/Description:	Tech Park tank painting				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	0	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>	100,000	Bid Specs and Inspection
<i>Construction</i>	1,400,000	
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	1,500,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	100,000	
<i>FY 2019</i>	1,500,000	
<i>FY 2020</i>	0	
<i>FY 2021</i>	0	
<i>FY 2022</i>	0	
<i>FY 2023</i>	0	
<i>FY 2024</i>	0	
<i>FY 2025</i>	0	
<i>FY 2026</i>	0	
<i>FY 2027</i>	0	
<i>FY 2028</i>	0	

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:

Technology Park (above ground tank)
 Constructed: 1987
 Inspected / Cleaned: Painted exterior in 1996, Inspected and cleaned 2012
 Capacity: 3.0 MG
 Material: Steel
 Condition: Tank coating condition is rated as Poor. Both the interior and exterior coating are failing. This tank needs interior / exterior painting / repairs. AWWA D100 Standard for Welded Steel Tanks for Water Storage AWWA D102 Standard for Painting Steel Water Storage Tanks AWWA C652 Standard for Disinfection of Water Storage Facilities. Water tanks must be periodically maintained in order to ensure long life of the tank and quality water within the tank. The tank's paint coating requires the most maintenance since it must be replaced periodically. When the coating is not well maintained, the tank will have to be repaired. Repair will usually cost two and a half times more than the cost of the original coating.

Most recent rate included \$1,500,000 cost of repair bonded over 20 years.
 Estimated payments are reflected in cash flows



CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW Water	Submitted/Prepared By:	Stephen Rafferty	Priority #:	#1
Project Title/Description:	Fresh Pond Well - Perchlorate Plume - Evaluation, Design and Construction of appropriate treatment				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>	180,000	FY 18
<i>Design/Piloting</i>	170,000	FY19
<i>Construction/Temporary Treat</i>	800,000	FY20
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>	50,000	
Total Capital	1,200,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	180,000	
<i>FY 2019</i>	170,000	
<i>FY 2020</i>	800,000	
<i>FY 2021</i>		150000
<i>FY 2022</i>		150000
<i>FY 2023</i>		150000
<i>FY 2024</i>		150000
<i>FY 2025</i>		150000
<i>FY 2026</i>		
<i>FY 2027</i>		
<i>FY 2028</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:

In April of 2017 quarterly sampling identified that perchlorate was present at the Fresh Pond Well at levels in excess of the maximum contaminant level as established by the DEP. The DEP issued a unilateral administrative order that requires the Town to evaluate the potential source(s) of the perchlorate, and to take appropriate actions to reduce the level of contamination.

This capital request is for a program to evaluate causes, to pilot treatment options, to design and permit a temporary treatment facility, and to bid and construct that treatment facility.

The water supply from the Fresh Pond Well is necessary for the Town to have an adequate supply of water for its summer time demands with an appropriate reserve capacity. The well historically has provided between 500,000 to 750,000 gallons of water per day roughly 8-10% of summer demand.

The capital costs are based on preliminary costs for a pressure filtration system as well as modifications to the pump motors and electrical gear.

O&M costs in future FY years represents annual cost to rent equipment and replace media.

FUNDING

Funding would be through water rates and collected revenue.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW Water	Submitted/Prepared By:	Stephen Rafferty	Priority #:	# 6
Project Title/Description:	Radio Telemetry Upgrade at Tanks and Pump Stations				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>	10,000	Prepare bid document FY18
<i>Construction</i>	225,000	Construct in FY19
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	0	

Estimated Cash Flow:	Capital	O&M
<i>FY-2018</i>	10,000	
<i>FY 2019</i>	225,000	
<i>FY 2020</i>	0	
<i>FY 2021</i>	0	
<i>FY 2022</i>	0	
<i>FY 2023</i>	0	
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY2027</i>		
<i>FY2028</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M	0	

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:

The Water Department currently has an unlicensed low wattage radio telemetry system that signals tank levels, well pump station parameters, and interconnects all the information back to the SCADA system at LPPS. This system has reached the end of its intended life cycle. We regularly experience communication issues that affect monitoring and control of the water system. The reliability of the communication is impacted by the increased level of background interference as a direct result of increased usage of mobile devices etc.

We are proposing to upgrade the system from an unlicensed system to a more robust and stronger signal with a FCC licensed system. The Wastewater's telemetry system is a licensed system and is highly reliable. Budget covers the cost of preparing procurement documents for the programming of a new system, permitting a new system, and procuring and installing equipment at 12 locations.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW Water	Submitted/Prepared By:	Stephen Rafferty	Priority #:	#3
Project Title/Description:	Water Meter Replacement with Radio Read Meters Program				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	250,000	FY18
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	250,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	250,000	
<i>FY 2019</i>	250,000	
<i>FY 2020</i>	250,000	
<i>FY 2021</i>	250,000	
<i>FY 2022</i>	250,000	
<i>FY 2023</i>	250,000	
<i>FY 2024</i>	250,000	
<i>FY 2025</i>	0	
<i>FY 2026</i>	0	
<i>FY 2027</i>	0	

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:

In the annual report to the DEP in January of 2017 the difference between metered at the sources (pump stations) and the water metered at the residences was equal to %14.6. The majority of that error level is in our metering system. The Town's ability to permit additional sources of water under the Water Resource Management Act is dependent upon continued measurable improvements in our metering accuracy.

At present we have roughly 70% of the meters on radio reads and the cost to get to 100% is approximately \$1,500,000.

Once we achieve 85% radio readers we can convert the entire billing system to quarterly readings - improving cash flow, detecting unusual water usage (typically a leak).

We are requesting an annual capital allocation over 7 years of \$250,000 to get over 85% within 4 years and to 100% within 8 years.

In addition to the capital needs, there is also normal maintenance needs. The useful life for water meters is 20-years. Typically, only the wear parts - not entire meters - need to be maintained. Currently the operational budget has a line item 01-450-5865 funded at \$175,000 which is 3.5% of the \$5M capitalized value of the metering system. This appears to be an adequate line item for annual maintenance and repair. Since the most equitable means of financing water system O&M and Capital Improvements is via accurate metering, an ongoing meter replacement of 1,000 meters / year keeps the metering system life cycle at 20 years. The annual allocation of \$250,000 was included in the most recent rate analysis.

The request for an annual meter replacement/upgrade to Radio Read Meters and implementation of quarterly reads will:

- Provide a mechanism for identification of excess water use - leakage - in 1/2 the time of the current system.
- Improve cash flow to the Town
- Identify problem - non-payment - accounts in a more timely manner
- Minimize potential DEP mitigation requirements and or compliance orders

CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW Water	Submitted/Prepared By:	Stephen Rafferty	Priority #	#1A
Project Title/Description:	Coast Guard Connection - 1300 Ft watermain on Little Harbor Road				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>	0	
<i>Construction</i>	150,000	
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	150,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	150,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

Coast Guard contracted with a Design/Build entity during the Fall of 2016 for upgrading the Little Harbor Coast Guard Station. During the preliminary design phase the Coast Guard identified that the existing 6" diameter watermain installed in 1899 in Little Harbor Road did not provide a sufficient quantity of water for the needs of the upgraded facility.

They are precluded, through their procurement rules, from doing construction on other than US Government/Coast Guard property. They are allowed to pay connection fees for utility service. The Water Department prepared an estimate for the cost to design, bid and contract for the installation of approximately 850 Linear Feet of new water main from Woods Hole Road, including a 10% contingency that totalled \$180,000. The design builder contracted by the Coast Guard, Haskell, carried a \$180,000 connection fee cost in their pricing.

In FY 17 a capital item for \$180,000 was approved. Survey and design is complete, there is a D/B entity doing the construction. The construction cost estimate at 100% design documents, bid ready is \$277,000 and total project cost is estimated at \$330,000. An additional authorization of \$150,000 is requested which in combination with the previous years authorization will be adequate for the project.

The Town has already received the \$180,000 fee of the original estimate and documentation obligates payment of costs in excess of the fee. Design Builder will provide reimbursement to cover the final cost of the project.

The project consists of approximately 1300 linear feet of 8 inch ductile iron watermain, three hydrants, and associated fittings. The main will connect to an existing 8 inch main at Steamship Authority as well as the existing 6 inch in Little Harbor Road, and will proceed on Cowdry Road to Little Harbor Road, and down Little Harbor Road to the start of Hinckley Road where it would connect to the existing 6" AC line in Hinckley Road.

Pipe will improve the available supply of water to Little Harbor Road, affording fire protection for the new Coast Guard facility. It will eliminate one of the oldest watermain in the system. It's benefit is increased reliability, pressure and flow.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW-Wastewater	Submitted/Prepared By:	A.Lowell	Priority #: 1	WW-18-01
Project Title/Description:	Wastewater System - Septage Scale Replacement				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
Equipment		included in construction
Maintenance		included in O&M budget
Planning/Study		
Design		
Construction	\$200,000	
Land Acquisition		NA
Other		NA
Contingency		included in construction
Total Capital	\$200,000	

Estimated Cash Flow:	Capital	O&M
FY 2018	\$200,000	\$0
FY 2019	\$0	\$0
FY 2020	\$0	\$0
FY 2021	\$0	\$0
FY 2022	\$0	\$0
FY 2023	\$0	\$0
FY 2024	\$0	\$0
FY 2025	\$0	\$0
FY 2026	\$0	\$0
FY 2027	\$0	\$0

O & M Costs:	One Time	Annual/Ongoing
Personnel		\$0
Expense		\$0
Other		\$0
Total O & M		\$0

Available/Potential Funds:	Amount	Comment
Federal	\$0	
State	\$0	
CPA	\$0	
Existing Articles/Funds	\$0	
Total Available	\$0	

Project Need/Goals and Performance Measurement:

The septage scale at the Main WWTF urgently needs replacement. The function of the scale is to weigh each truck that delivers septage to the WWTF for the purposes of billing. In FY 17, the Town billed haulers \$765,000 for septage discharge. The septage scale was installed in the mid 1980s. Scale replacement was included in last year's capital plan (for this year, FY 18) due to the scale's age and to an annual inspection report that indicated some structural corrosion. Unfortunately, the most recent inspection report indicated significant enough corrosion that a portion of the scale is considered "failed" - see photos next page of corroded subsurface structure. As a temporary measure until the scale can be replaced, trucks are being weighed on the back load cells of the scale only, as shown in the photo below.



Replacement of the scale will include: demolition of the existing scale deck, replacement of structural concrete piers, installation and calibration of new load cells and installation of a pre-cast concrete deck in the existing location. In addition, a new system will be installed to take the unique ID card for each truck/company, display truck weight, print tickets listing weight/date/time/truck, and log this data.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW-Wastewater	Submitted/Prepared By:	A. Lowell	Priority #: 3	WW-18-03
Project Title/Description:	Wastewater System - WWTF fuel tank remove and replace				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
Equipment		included in construction
Maintenance		included in O&M budget
Planning/Study		
Design		
Construction	\$95,000	
Land Acquisition		NA
Other		NA
Contingency		included in construction
Total Capital	\$95,000	

Estimated Cash Flow:	Capital	O&M
FY 2018	\$95,000	\$0
FY 2019	\$0	\$0
FY 2020	\$0	\$0
FY 2021	\$0	\$0
FY 2022	\$0	\$0
FY 2023	\$0	\$0
FY 2024	\$0	\$0
FY 2025	\$0	\$0
FY 2026	\$0	\$0
FY 2027	\$0	\$0

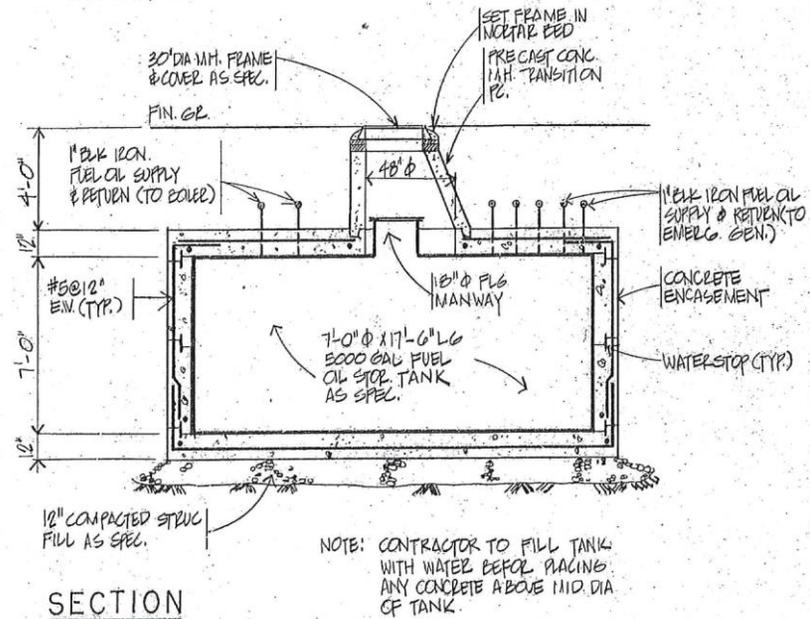
O & M Costs:	One Time	Annual/Ongoing
Personnel	\$0	\$0
Expense	\$0	\$0
Other	\$0	\$0
Total O & M	\$0	\$0

Available/Potential Funds:	Amount	Comment
Federal	\$0	
State	\$0	
CPA	\$0	
Existing Articles/Funds	\$0	
Total Available	\$0	

Project Need/Goals and Performance Measurement:

A 5,000 gallon underground fuel storage tank must be removed at the WWTF site and a new smaller above ground storage tank must be installed in its place. The tank is a rectangular tank inside a concrete vault, installed in the mid 1980s to provide fuel for the emergency generator and boiler at the WWTF operations building. Current regulations require removal and replacement of these types of tanks. The 5,000 gallon storage capacity of the original tank exceeds the current needs of the operations building so the replacement tank will be of a smaller volume than the original one.

Below is the underground fuel oil storage tank detail from the 1980s Wastewater Treatment Facility design plans.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW-Engineering	Submitted/Prepared By:	James McLoughlin	Priority #: 1	
Project Title/Description:	Coastal Erosion Repair and Maintenance				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>	500,000	
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	500,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	500,000	
<i>FY 2019</i>	500,000	
<i>FY 2020</i>	350,000	
<i>FY 2021</i>	350,000	
<i>FY 2022</i>	350,000	
<i>FY 2023</i>	350,000	
<i>FY 2024</i>	350,000	
<i>FY 2025</i>	350,000	
<i>FY 2026</i>	350,000	
<i>FY 2027</i>	350,000	

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M	0	

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:
Capital improvement funds for Coastal Erosion Repair is necessary for performing work along Chapoquoit Road. This capital request will repair a section of Chapoquoit Road that is currently experiencing severe undermining and is limited to one lane of travel. The proposed work consists of installing sheet piling behind the existing undermined concrete sea wall and wall and rebuilding the stone revetment in front of the wall. New guard rail and pavement will complete this section. The work will extend from the previously repaired section south to the end of the beach parking area. Design and permitting of the 550 feet north of the previously repaired section is complete so that it can be completed in future years.

- Sheet Piling, Revetment reconstruction, Guard Rail, Pavement \$500,000*

Department:	DPW-Engineering	Submitted/Prepared By:	James McLoughlin	Priority #: 6	
Project Title/Description:	Bridge Maintenance				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
Equipment		
Maintenance	100,000	
Planning/Study		
Design		
Construction		
Land Acquisition		
Other		
Contingency		
Total Capital	100,000	

Estimated Cash Flow:	Capital	O&M
FY 2018		100,000
FY 2019		110,000
FY 2020		120,000
FY 2021		150,000
FY 2022		160,000
FY 2023		160,000
FY 2024		175,000
FY 2025		175,000
FY 2026		180,000
FY 2027		200,000

O & M Costs:	One Time	Annual/Ongoing
Personnel		
Expense		100,000
Other		
Total O & M	0	100,000

Available/Potential Funds:	Amount	Comment
Federal T.S. Sandy Reimb. ?		
State		
CPA		
Existing Articles/Funds		
Total Available	0	

Project Need/Goals and Performance Measurement:
This asset program provides funds to continue maintenance and repairs to 22 Town-owned bridges. The results of implementing this project are: 1) Eliminates Downtime. 2) Eliminates need for major repairs. 3) Provides for emergency repairs. The cost of this program if not implemented could run into several hundred thousand dollars to keep our bridges operational.
Eel Pond Bridge Maintenance includes:
Repairs to the gates;
Maintenance of Emergency Generator; and Emergency repair callouts.
Per Coast Guard Regulations, the waterway under the bridge must be navigable at all times.
Projected Costs FY2018:
Bridges (22 Town Owned) Maintenance/repair \$100,000/yr.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW-Engineering	Submitted/Prepared By:	James McLoughlin	Priority #: 3	
Project Title/Description:	Rivers / Ponds Maintenance				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>	25,000	Inlet Maintenance
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	25,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		25,000
<i>FY 2019</i>		25,000
<i>FY 2020</i>		25,000
<i>FY 2021</i>		30,000
<i>FY 2022</i>		30,000
<i>FY 2023</i>		30,000
<i>FY 2024</i>		40,000
<i>FY 2025</i>		40,000
<i>FY 2026</i>		50,000
<i>FY 2027</i>		50,000

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M	0	

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:
Funding is required for DPW-Rivers and Coastal Pond Maintenance. This program is necessary for the permitting, dredging and maintenance of Trunk River – Oyster Pond, Salt River – Salt Pond, Fresh River – Sider’s Pond, and Little Pond Outlet. Dredging and sediment / seaweed removal is necessary on an annual basis in order to keep the ponds and outlets clear for fish passage, tidal flow, odor, and Water Quality.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW-Engineering	Submitted/Prepared By:	James McLoughlin	Priority #: 2	
Project Title/Description:	National Pollutant Discharge Elimination System (NPDES)				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
Equipment		
Maintenance		
Planning/Study		
Design		
Construction		
Land Acquisition		
Other - Compliance	100,000	
Contingency		
Total Capital	100,000	

Estimated Cash Flow:	Capital	O&M
FY 2018	100,000	
FY 2019	100,000	
FY 2020	100,000	
FY 2021	100,000	
FY 2022	50,000	
FY 2023	50,000	
FY 2024	50,000	
FY 2025	50,000	
FY 2026	50,000	
FY 2027	50,000	

O & M Costs:	One Time	Annual/Ongoing
Personnel		
Expense		
Other		
Total O & M	0	

Available/Potential Funds:	Amount	Comment
Federal		
State		
CPA		
Existing Articles/Funds		
Total Available	0	

Project Need/Goals and Performance Measurement:
Funding for the Town's National Pollutant Discharge Elimination System (NPDES) program are necessary to comply with the EPA/DEP General Permit for Stormwater Discharges for small municipal separate storm sewer systems located in the Town of Falmouth. New EPA and NPDES Stormwater Regulations have been issued with an effective date of July 1, 2017. Appeals by a number of entities have caused EPA to issue a new effective date of July 1, 2018, however this may be modified (shortened) by the ongoing litigation. With current staffing levels, the Engineering Division will not be able to meet the personnel demand that will be required to track, monitor, sample, and report on the Town's significant number of drainage structures or implement the required Stormwater Program including education and outreach to the public.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	DPW-Engineering	Submitted/Prepared By:	James McLoughlin	Priority #: 4	
Project Title/Description:	Transportation Engineering Services				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>	30,000	
<i>Design</i>		
<i>Construction</i>	75,000	
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	105,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	105,000	
<i>FY 2019</i>	105,000	
<i>FY 2020</i>	105,000	
<i>FY 2021</i>	105,000	
<i>FY 2022</i>	105,000	
<i>FY 2023</i>	105,000	
<i>FY 2024</i>	105,000	
<i>FY 2025</i>	105,000	
<i>FY 2026</i>	105,000	
<i>FY 2027</i>	105,000	

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other Storm Equipment install</i>		
Total O & M	0	

Available/Potential Funds:	Amount	Comment
<i>Other</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available	0	

Project Need/Goals and Performance Measurement:

The Engineering Division has been receiving increasing requests for Traffic Engineering Studies to be performed along roadways, and at unsignalized / signalized intersections. Implementing this service will allow the engineering division to have Traffic Analyses performed for safety and intersection vehicle flows. The analyses will determine future improvements for intersection layout and traffic lane geometry.

*At this time the following locations are being considered:
Sandwich Road at Route 151.
Cloverfield Road and Route 151.
Bike Path at Ter Heun Drive.
Worcester Court and Spring Bars Road.*

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Parks	Submitted/Prepared By:	Rocky Gomes	Priority	1
Project Title/Description:	Equipment Replacment (Sand Pro)				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	26,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	26,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

This is to replace a 1999 Toro Sand Pro. This machine is used on a daily basis's to groom our ballfields and grass surfaces. The replacement of this piece would allow us to more effectively groom and repair these surfaces.



CAPITAL IMPROVEMENT REQUEST FORM

Department:	Parks	Submitted/Prepared By:	P.M. / R.G.	Priority 1	
Project Title/Description:	Athletic Field Restoration				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction/ Materials</i>	\$200,000.00	
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	\$200,000.00	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	\$200,000.00	
<i>FY 2019</i>	\$250,000.00	
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M	\$0.00	

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

In accordance with recommendations from an Athletic Field Master Plan published in January 2017 and Town professional staff, funds are being requested rejuvenate and restore several athletic fields that are categorized as high priority and high use fields.

The fields considered for upgrades are:

1. Trotting Park Field # 2.
2. Trotting Park Field #3.
3. Sandwich Road Football Field.

Improvements shall consist of:

Partial resodding; Deep tine aerification; Top dressing; Overseeding; Fertilization.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Recreation	Submitted/Prepared By:	Joe Olenick		
Project Title/Description:	Upgrade and Improve standard materials to keep the Recreation Dept. meeting rooms functional				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	21,000	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	21,000	

Project Need/Goals and Performance Measurement:

15 8' Tables.	\$130 ea	\$1,950.00
20 6' Tables.	\$100.00 ea	\$2,000.00
20 20 Card Tables.	\$50.00 ea	\$1,000.00
100 Chairs.	\$100.00 ea	\$10,000.00
2 Racks for the chairs.	\$300 ea	\$600
4 Blue Ray players.	\$73 ea	\$292
4 55" TV Monitors.	\$818 ea	\$3272
4 Mounting Brackets and Cables.	\$100 ea	\$400
1 projector.	\$500	\$500
1 10-12' projector screen.	\$500	\$500

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Library	Submitted/Prepared By:	Linda Collins		
Project Title/Description:	Main Library				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>	\$86,000.00	Windows
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	\$86,000.00	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	\$86,000.00	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>	\$600,000	Library building fund used for Teaticket asbestos
Total Available	\$600,000	

Project Need/Goals and Performance Measurement:

- Replace forty-three windows in the Main Library. Cost estimate per Shardell is 2k per window as there is no asbestos abatement necessary.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Library	Submitted/Prepared By:	Linda Collins	
Project Title/Description:	Main Library			

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	\$50,000.00	Telephone System
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	\$50,000.00	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	\$50,000	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>	\$600,000	Library building fund used for Teaticket asbestos
Total Available	\$600,000	

Project Need/Goals and Performance Measurement:

- As with other phone systems across town, the library telephone system is now beyond its useful life. This cost estimate is based on the Town Hall telephone system replacement by Carousel. Attached is an actual quote from MC Communications, Inc. for \$31,771.55. (This figure includes a discount of \$11,508.52) We have requested a quote from Carousel which we should receive in early September.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Library	Submitted/Prepared By:	Linda Collins	
Project Title/Description:	Main Library			

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	\$50,000.00	IBM Security Gates
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	\$50,000.00	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>	\$50,000.00	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>	\$600,000	Library building fund used for Teaticket asbestos
Total Available	\$600,000	

Project Need/Goals and Performance Measurement:

- Replace 3M/Bibliotheca Security Gates that are no longer functioning. The gates use RFID technology to alert staff when items have not been charged out. The gates also have integrated bi-directional people counters providing statistical data. Included are the self-check machines that allow patrons to charge materials out to themselves and have those materials desensitized so they will not trigger an alarm. Self-check is important in providing library patrons with privacy when borrowing sensitive information. This equipment was installed in 2008 and so is approaching ten years of use. Quote attached.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Beach Depart	Submitted/Prepared By:	B. Mogardo		
Project Title/Description:	Trash/Recycling Replacement				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>	16,500	
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	16,500	

Project Need/Goals and Performance Measurement:

Current trash receptacles are old and rusted. This request is part of a three year effort to replace old units in a timely fashion and to combine trash and recycling bins into one unit.

Estimated Cash Flow:	Capital	O&M
<i>FY 2017</i>		
<i>FY 2018</i>	16,500	
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

CAPITAL IMPROVEMENT REQUEST FORM

Department:	Beach Depart	Submitted/Prepared By:	B. Mogardo		
Project Title/Description:	Sun Top Replacement				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>	4,000	
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital		

Project Need/Goals and Performance Measurement:

Many sun tops are old and in need of replacement. The large chair sun tops were replaced last year and this request is an attempt to to replace the remaining single chair sun tops.

Estimated Cash Flow:	Capital	O&M
<i>FY 2017</i>		
<i>FY 2018</i>		4,000
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		4,000
<i>Other</i>		
Total O & M		4000

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

CAPITAL IMPROVEMENT REQUEST FORM

Department:	School Dept.	Submitted/Prepared By:	Patrick Murphy		
Project Title/Description:	Mullen Hall Cupola				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>	50,000	
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	50,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

The Mullen Hall cupola has been leaking for approximately ten years. Rain water accumulates in the rubber membrane covered enclosed roof of the cupola and needs to be pumped or bailed out of the building regularly. Damage to classrooms and offices located below the cupola require ceiling and floor repairs every year or two. Access to the cupola is limited.

The historical, architectural, and structural complexities of this cupola make finding the right solution a challenge.

We request 50,000 in architecture and engineer services to identify the problem and design a permanent solution.

CAPITAL IMPROVEMENT REQUEST FORM

Department:	School Dept.	Submitted/Prepared By:	Patrick Murphy	
Project Title/Description:	FHS Field Project			

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>	35,000	
<i>Design</i>	37,400	
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	72,400	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

1. Design
 We have received a quote to provide the design specification update and handle the bids for the artificial turf field, lights, and stands to be located at FHS. The cost for this project is \$27,400 for the design phase and \$10,000 for the bid phase with a total cost of \$37,400. This design and bid process does use the 2013-2014 artificial turf field plan as the primary template for moving this project forward.

This work would be completed by February 2018 so that a competitive bid and final budgets would be available by the April town meeting.

2. Planning/Study
 There was a second quote requested by the school committee to provide a FHS field master plan for \$35,000. This will provide details and specifics that build off the town wide field consultants recommendations.

This work is expected to be completed by mid 2018 and used to inform the 10 year capital plan.

Total costs: 72,400

CAPITAL IMPROVEMENT REQUEST FORM

Department:	School Dept.	Submitted/Prepared By:	Patrick Murphy		
Project Title/Description:	Boiler Replacement at East Falmouth				

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	360,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

We received an estimate of \$310,000 for this boiler replacement project. Abatements costs are estimated to be \$50,000 for a total project cost of \$360,000.

The boiler replacement estimate did take into account National Grid Incentives of approximately \$22,500.

This project would begin mid-2018

CAPITAL IMPROVEMENT REQUEST FORM

Department:	School Dept.	Submitted/Prepared By:	Patrick Murphy	
Project Title/Description:	Boiler Replacement at Morse Pond			

Estimated Costs (attach additional information if available)		
Capital:	Cost	Comments
<i>Equipment</i>		
<i>Maintenance</i>		
<i>Planning/Study</i>		
<i>Design</i>		
<i>Construction</i>		
<i>Land Acquisition</i>		
<i>Other</i>		
<i>Contingency</i>		
Total Capital	470,000	

Estimated Cash Flow:	Capital	O&M
<i>FY 2018</i>		
<i>FY 2019</i>		
<i>FY 2020</i>		
<i>FY 2021</i>		
<i>FY 2022</i>		
<i>FY 2023</i>		
<i>FY 2024</i>		
<i>FY 2025</i>		
<i>FY 2026</i>		
<i>FY 2027</i>		

O & M Costs:	One Time	Annual/Ongoing
<i>Personnel</i>		
<i>Expense</i>		
<i>Other</i>		
Total O & M		0

Available/Potential Funds:	Amount	Comment
<i>Federal</i>		
<i>State</i>		
<i>CPA</i>		
<i>Existing Articles/Funds</i>		
Total Available		

Project Need/Goals and Performance Measurement:

We received an estimate of \$410,000 for this boiler replacement project. Abatements costs are estimated to be \$60,000 for a total project cost of \$470,000.

The boiler replacement estimate did take into account National Grid Incentives of approximately \$30,000.

This project would begin mid-2018