

ARTICLE 4:

ARTICLE 4: *To see if the Town will vote to raise and appropriate, transfer from available funds or borrow a sum of money for the construction and/or repair and/or purchase and/or lease and/or replacement of departmental buildings and/or equipment and/or capital facilities and/or for feasibility studies and other types of studies for the various departments of the Town substantially as follows:*

- A. Water Street Promenade Project/Northern Section*
- B. Town Wharf Bulkhead and Repair Work*
- C. Airport Taxiway*
- D. Wildlife Hazard Master Plan*
- E. PIT Tag Project at Town Brook*
- F. Holmes Park Improvements*
- G. Withdrawn*

or take any other action relative thereto.

BOARD OF SELECTMEN

4A: Water Street Promenade Project / Northern Section

RECOMMENDATION: Approval \$16,900,000 (8-3-0)

The Advisory & Finance Committee recommends Town Meeting approve this appropriation. This is the final link in the chain of waterfront improvements. This link spans the area from Pilgrim State Park to the T-Wharf. A lot of this work needs to be done such as repairing the failing seawall, improving pedestrian safety, complying with ADA standards, improving drainage and stormwater management, enhancing storm surge resiliency, and rehabilitating the roadway. The plan also includes more decorative type elements such as a boardwalk, plazas with interpretive pieces, shade pavilions, benches and lighting. The Advisory & Finance Committee had a lot of discussion and debate about this project and it came down to the important role the waterfront plays both in the economic vitality of this town and in the pride residents take in their town. It is a significant, but worthwhile investment. The town is working hard pursuing other funding sources such as grants and sponsorships so it does not have to borrow the full \$16.9 million. Worst case scenario would be a \$61 increase in the tax bill for an average home (\$322,000 home value). If successful with grants, that could be reduced to \$44. The proposed schedule includes completion of design, obtaining all permits, and bidding the project in early 2018 and a fall 2019 construction completion.

4B: Town Wharf Bulkhead and Repair Work

RECOMMENDATION: Approval \$67,670 (Unanimous, 10-0-0)

The Advisory & Finance Committee recommends Town Meeting approve this appropriation which will fund the engineering and design work of the Town Wharf Bulkhead. The cement parking area, containing 15-20 parking spots, between Woods and Lobster Hut is made up of a series of pilings with bulkheads that hold up that area. Several years ago the parking area started settling because the wooden support system is beginning to fail. The structure is nearing the end of its life span. The project needs approval by Town Meeting to get started. Funding will come from Free Cash.

4C: Airport Taxiway

RECOMMENDATION: Approval \$1,900,000 (Unanimous, 11-0-0)

The Advisory & Finance Committee recommends Town Meeting approve this appropriation. The Federal Aviation Administration has scheduled construction of the Airport Delta Taxiway to go out to bid in January and start in March or April. The total cost is \$1,900,000 with the Airport Enterprise share being \$95,000. The FAA share \$1,710,000 and the state share is \$95,000. Aircraft at the southern end of the airport currently have to cross the active runway to then taxi to the end of that runway for takeoff. With the completion of the Delta Taxiway, an aircraft will be able to taxi directly to the end of Runway 24 without having to cross it first, greatly improving safety and in compliance with FAA standards.

4D: Airport Wildlife Hazard Master Plan

RECOMMENDATION: Approval \$115,000 (Unanimous, 11-0-0)

The Advisory & Finance Committee recommends Town Meeting approve this appropriation. The Federal Aviation Administration is requiring the Plymouth Airport to conduct a Wildlife Hazard Master Plan. This plan will determine long term best management practices to minimize wildlife hazards, such as geese, deer, turkey, etc., on the airport. This is to maximize safe operation of the airport and help prevent what happened on the Hudson with the geese causing the plane to go down. The total cost for the plan is \$115,000 with the Airport Enterprise share being \$5,900 and the remainder funded by the FAA and the state.

4E: PIT Tag Project at Town Brook

RECOMMENDATION: Approval \$49,764 (Unanimous, 10-0-0)

The Advisory & Finance Committee recommends Town Meeting approve this appropriation. This project will utilize small PIT (passive integrated transponder) tags inserted into herring to collect data on fish passage success at Town Brook. Specifically, this will show the success rate below and above Holmes Dam before the dam is removed. The total project cost is \$49,764. The town's portion is \$21,000 and will be funded by the recently established Environmental Affairs Fund. United States Fish and Wildlife Services and the USGS Conte Anadromous Fish Lab will cover the remaining project funds. This is before Fall Town Meeting so the funding can be in place to get it up and running in April during the next fish migration season. The last time the town did this type of project, the data collected proved invaluable in helping to secure 75% funding for a \$3 million dollar project involving dams, roadway crossings, bridge structures, new sewer and water mains and fire hydrants.

4F: Holmes Park Improvements

RECOMMENDATION: Approval \$600,000 (Unanimous, 9-0-1)

The Advisory & Finance Committee recommends Town Meeting approve this appropriation. The town is planning the removal of Holmes Dam as well as improvements to the Newfield Street Bridge but has fielded many requests asking to renovate Holmes Park. Cost savings can be realized by doing the dam, bridge and park improvements at the same time. This article would fund new sidewalks, trails, paths, lighting, basketball court and skateboard park. This project totals \$600,000. The town is waiting to hear if it has been awarded a PARC grant which would cover \$348,000 leaving the town share \$252,000. Funding would come from Free Cash. The town will not move forward with the Holmes Park project if the PARC grant is not received.

4G: Withdrawn

TOWN OF PLYMOUTH CAPITAL IMPROVEMENT PLAN REQUEST FORM
FY18 FALL ANNUAL TOWN MEETING REQUEST FORM

4E

Department: DMEA	Priority #: 2
Project Title and Description: Town Brook PIT tag project	Total Project Cost: \$49,764

Department/Division Head: **David Gould**

Check if project is: New Resubmitted Cost estimate was developed: Internally Externally

For project re-submittals, list prior year(s):

N/A

List any funding sources and amounts already granted: \$15,000 from USFWS and \$14,400 in in-kind services from USGS

Basis of Estimated Costs (attach additional information if available)			If project has impact on 5 Year Plan and future operating budgets, insert estimated amounts.		
Capital:	Cost	Comments	Fiscal Year:	Capital	Operations & Maintenance
<i>Planning and Design</i>	\$32,690	Contractor \$20,790 Labor to construct \$1,750 Labor to install \$4,000 Training \$2,250 Troubleshooting \$750 Data Analysis \$3,150	<i>FY18</i>		
<i>Labor and Materials</i>			<i>FY19</i>		
<i>Administration</i>			<i>FY20</i>		
<i>Land Acquisition</i>			<i>FY21</i>		
<i>Equipment</i>	\$17,074	Single reader system \$3,045 Multi readers system with 5 antennas \$8,034 Tags and cable accessories \$3,495 USGS equipment \$2,500	<i>FY22</i>		
<i>Other</i>					
<i>Contingency</i>					
Total Capital					

Project Justification and Objective: The project will utilize PIT tags (Passive Integrated Transponders) inserted into alewife to collect pre-construction monitoring data on fish passage success at Town Brook, specifically the success rate below and above Holmes Dam. The project will be done in conjunction with NOAA, USFWS and the USGS Conte Anadromous Fish Lab. Total request from Environmental Affairs Fund is \$21,000.

For Capital Project Requests:

Will this project be phased over more than one fiscal year? If yes, enter it on the 5 Year Plan

Can this project be phased over more than one fiscal year?

Yes No

Yes No

Attach backup information, estimates, or justification to support this request.

MEMO

To: Kere Gillette, Budget Analyst
From: David Gould, DMEA Director
Re: PIT Tag Project
Date: September 11, 2017

During the course of the Town Brook Restoration Program DMEA has worked with project partners to collect valuable fish passage data that has been used by the National Marine Fisheries Service, (NMFS) Massachusetts Division of Marine Fisheries (DMF) and the USGS Conte Anadromous Fish Laboratory. DMEA has successfully used such data to acquire both state and federal grant funding for several restoration projects.

The proposed project will utilize PIT tags (Passive Integrated Transponders) inserted into alewife to collect pre-construction monitoring data on fish passage success at Town Brook , specifically the success rate below and above Holmes Dam. The project will be done in conjunction with National Oceanic and Atmospheric Administration (NOAA), United States Fish and Wildlife Service and the USGS Conte Anadromous Fish Lab. The total project cost is \$49,764. DMEA has acquired \$15,000 from USFWS and USGS will be contributing \$14,400 in in-kind services and equipment. DMEA is seeking authorization to utilize \$21,000 in funding from the recently established Environmental Affairs Fund for this work. We are seeking funding this fall so that the equipment can be up and running in April during the next fish migration season.

Should you have any questions regarding this matter please contact me at your earliest convenience. Thank you.