

TOWN OF PLYMOUTH

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REPORT  
& RECOMMENDATIONS  
OF THE  
ADVISORY & FINANCE  
COMMITTEE



*An American Story - A National Legacy*

Presented at  
**FALL**  
**TOWN MEETING**  
**October 17, 2020**

## FALL TOWN MEETING

October 17, 2020

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# REPORT & RECOMMENDATIONS

**REPORT & RECOMMENDATIONS OF THE ADVISORY & FINANCE COMMITTEE**  
Fall Town Meeting – October 17, 2020

**ARTICLE 1:** To see if the Town will vote to amend the Classification and Compensation Plans and the Personnel By-Law and Collective Bargaining Agreements contained therein, or take any other action relative thereto.

SELECT BOARD

**No Motion No Action**

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**ARTICLE 2A:** To see if the Town will vote to amend the vote taken under Article 7A of the 2020 Annual Town Meeting warrant, and, as necessary, to raise, appropriate, transfer or borrow funds for the purpose of supplementing departmental expenses, and/or to reduce certain departmental expenses or otherwise amend said vote, or take any other action relative thereto.

SELECT BOARD

**RECOMMENDATION: Approval \$15,000 Unanimous (11-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 2A. Approval of this article will increase the Fire Departments Communications Services line item for the current year (FY21) by \$15,000 to cover the \$3,000 a month rental costs for the temporary trailer mounted communications tower. The old communications tower was considered a safety concern due to its very poor conditions and as such was dismantled prior to the hurricane season. This temporary tower is necessary to provide adequate communications services coverage to both the Fire and Police Departments throughout Town until a new permanent tower can be erected.

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**ARTICLE 2B:** To see if the Town will vote to amend the votes taken under Article 7B, 7C, 7D and 7E of the 2020 Annual Town Meeting warrant, and, as necessary, to raise, appropriate, transfer or borrow funds for the purpose of supplementing enterprise departmental expenses, and/or to reduce certain departmental expenses or otherwise amend said vote, or take any other action relative thereto.

SELECT BOARD

**No Motion No Action**

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**ARTICLE 3:** To see if the Town will vote to establish a Special Purpose Stabilization Fund for Facility Maintenance, as authorized by the provisions of G.L. c.40, §5B, for capital maintenance of Town-owned buildings, which fund shall be under the care and custody of the Town Treasurer, and further, to raise and appropriate, transfer from available funds or borrow for the purpose of funding said Stabilization Fund for Facility Maintenance, or take any other action relative thereto.

SELECT BOARD

**No Motion No Action**

**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, including authorizing lease/purchase agreements for terms of up to or in excess of three years, substantially as follows:

| ITEM | DEPARTMENT             | PROJECT DESCRIPTION                                |
|------|------------------------|--|
| A    | Fire Department        | Communications Tower                               |
| B    | Fire Department        | Vehicle Lift System                                |
| C    | Marine & Environmental | Herring Ponds Watershed Study                      |
| D    | Marine & Environmental | Engineering & Design for Dam Bypass at Jenney Pond |
| E    | Water Department       | Manomet Zone Pipe Upgrades                         |
| F    | Airport                | Taxiway Echo Extension                             |
| G    | Airport                | Purchase NW-26 SRE building                        |

or take any other action relative thereto.

SELECT BOARD

**RECOMMENDATION: Approval \$8,511,024 Unanimous (11-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve the Article 4 appropriations listed below:

| ITEM                             | PROJECT DESCRIPTION                                | APPROPRIATION      |
|----------------------------------|--|--------------------|
| A                                | Communications Tower                               | \$500,000          |
| B                                | Vehicle Lift System                                | \$55,000           |
| C                                | Herring Ponds Watershed Study                      | \$81,024           |
| D                                | Engineering & Design for Dam Bypass at Jenney Pond | \$75,000           |
| E                                | Manomet Zone Pipe Upgrades                         | \$5,100,000        |
| F                                | Taxiway Echo Extension                             | \$2,500,000        |
| G                                | Purchase NW-26 SRE building                        | \$200,000          |
| <b>Total for Article 4 Items</b> |  | <b>\$8,511,024</b> |

**ARTICLE 5:** To see if the Town will vote to authorize the Select Board to acquire by purchase, gift, eminent domain or otherwise, for water supply purposes and to accept the deed to the Town of Plymouth of a fee simple interest in land located off Plymouth St in the Town of Plymouth composed of 18 acres more or less being shown as a portion of Lot 9-U on Map 107, located off of Plymouth Street, said land to be held under the care, custody and control of the Select Board as Water Commissioners, subject to retention of a leasehold interest in said land by the current owner for a period to expire on, or before, December 31, 2023; and to raise and appropriate, transfer from available funds or borrow a sum of money to fund this acquisition; and further, to authorize the Town to enter into all agreements and execute any and all instruments as may be necessary to effect said purchase, or take any other action relative thereto.

SELECT BOARD

**RECOMMENDATION: Approval \$800,000 Unanimous (12-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 5. This article will facilitate the acquisition of the Franklin Marsh Bog, the final piece necessary to owning all the water rights to Darby Pond, which will allow the Town to submit a permit modification to DEP requesting that the pumping restriction be lifted. Lifting this pumping restriction will allow the well to operate at full permitted capacity and significantly help meet the growing water needs of the Town.

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**ARTICLE 6:** To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money to conduct Cyanobacteria sampling of various ponds, including all incidental and related expenses, or take any other action relative thereto.

MARINE AND ENVIRONMENTAL

**RECOMMENDATION: Approval \$17,500 Unanimous (12-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 6. This article will provide funding for the Department of Marine and Environmental Affairs and the Health Department to sample public and private waterbodies for toxins that are potential health risks. This project would be funded from the Environmental Affairs Fund.

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**ARTICLE 7:** To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money to install plantings within the Foothills Preserve Stream and Wetlands Restoration Project, including all incidental and related expenses, or take any other action relative thereto.

MARINE AND ENVIRONMENTAL

**RECOMMENDATION: Approval \$45,800 Unanimous (12-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 7. The purpose of this article is to complete the restoration project and allow for the purchase and installation of 2,200 plantings for the stream and wetlands restoration at the Foothills Preserve. Considerable funds have already been contributed to this project by federal and state agencies as well as private stakeholders. This article represents the Town's share of the project and the funding would come from the Environmental Affairs Fund.

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**ARTICLE 8:** To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money to purchase and equip an educational trailer for the Dept. of Marine and Environmental Affairs, or take any other action relative thereto.

MARINE AND ENVIRONMENTAL

**RECOMMENDATION: Approval \$10,000 Unanimous (12-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 8. Approval of this Article will allow the Department of Environmental Affairs (DMEA) to purchase a mobile education trailer for the purpose of providing an educational learning experience in coordination with the schools. The trailer can also be used at local events where it would be available to residents and tourists. The focus of the educational materials on offer will be numerous native fish, birds and waterfowl of many feathers, marine mammals, assorted woodland critters, and

various other forms of local wildlife that can be found in and around Plymouth. The trailer will include displays and tasteful taxidermy. This project would be funded from the Environmental Affairs Fund.

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**ARTICLE 9A:** To see if the Town will vote to adjust funding sources for various Community Preservation Act projects and the FY21 Community Preservation Fund budget, as approved under Article 16 of the August 10, 2020 Annual Town Meeting and Article 9 of the August 10, 2020, Special Town Meeting, by taking the following actions:

Rescind the following actions of the August 10, 2020 Annual Town Meeting:

- vote taken under Article 16B revising funding sources for the National Meeting House restoration project; and
- vote taken under Article 16C revising funding sources for the Stephens Field restoration and rehabilitation project;

Amend the following actions:

- vote taken under Article 9A of the August 10, 2020 Special Town Meeting, by revising the funding sources for the Jenney Pond Park renovation and improvement project;
- vote taken under Article 9C of the August 10, 2020 Special Town Meeting, by revising the funding sources for the Historical Maps preservation, restoration, rehabilitation and framing project;
- vote taken under Article 16H of the August 10, 2020 Annual Town Meeting establishing the FY 2021 Community Preservation Fund budget;
- vote taken under Article 16F of the August 10, 2020 Annual Town Meeting, by revising the funding sources for the Pickle Ball Courts construction project; and
- vote taken under Article 16G of the August 10, 2020 Annual Town Meeting, by revising the funding sources for the Burial Hill Phase III preservation, rehabilitation and restoration project;

or take any other action relative thereto.

COMMUNITY PRESERVATION COMMITTEE

**RECOMMENDATION: Approval Unanimous (12-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 9A. This article is a housekeeping item that will correct some inaccuracies with Community Preservation Act funding sources relative to Article 16 of the Annual and Article 9 of the Special August 2020 Town Meeting based on an updated calculation of the actual available funds in the CPA Fund due to the ongoing pandemic and a reduction in the state's matching funds from last year.

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**ARTICLE 9B:** To see if the Town will vote to authorize the Board of Selectmen to acquire by purchase, gift, eminent domain or otherwise, for open space and recreational purposes pursuant to G.L. c.44B and to accept the deed to the Town of Plymouth of a fee simple interest in land located off Tall Pines Road in the Town of Plymouth composed of 34 acres more or less being shown on Assessors Map 81 lot 3, parcel ID 081-000-003-000, said land to be held under the care, custody and control of the Conservation Commission; and further, to appropriate a sum of money to undertake such acquisition; and to meet this appropriation to transfer a sum of money from Community Preservation Act Fund Reserves or other available funds; and further to

authorize the Board of Selectmen to grant a conservation restriction in said property in accordance with G.L.c.44B, Section 12 meeting the requirements of G.L. c. 184, Sections 31-33; and to authorize appropriate Town officials to enter into all agreements and execute any and all instruments as may be necessary on behalf of the Town to effect said purchase, or take any other action relative thereto.

COMMUNITY PRESERVATION COMMITTEE

**RECOMMENDATION: Approval \$117,000 (12-0-1)**

The Advisory & Finance Committee recommends Town Meeting approve Article 9B. Approval of this article will appropriate \$117,000 from the Community Preservation Act Fund Reserves for open space and recreational purposes. This acquisition off Tall Pines Road will provide protection to the headwaters of the Eel River and Russell Mills Pond. Protecting Plymouth's sole source aquifer will aid in the protection of the Town's drinking water and help keep Plymouth Harbor clean.

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**ARTICLE 9C:** To see if the Town will vote to authorize the Board of Selectmen to acquire by purchase, gift, eminent domain or otherwise, for open space and recreational purposes pursuant to G.L. c.44B and to accept the deed to the Town of Plymouth of a fee simple interest in land located off 126, 120 and 0 Sandwich St in the Town of Plymouth composed of .45 acres more or less being shown on Assessors Map 23 lot 14, 15, 16A, 16D and 17A, said land to be held under the care, custody and control of the Conservation Commission; and further, to appropriate a sum of money to undertake such acquisition; and to meet this appropriation to transfer a sum of money from Community Preservation Act Fund Reserves or other available funds; and further to authorize the Board of Selectmen to grant a conservation restriction in said property in accordance with G.L.c.44B, Section 12 meeting the requirements of G.L. c. 184, Sections 31-33; and to authorize appropriate Town officials to enter into all agreements and execute any and all instruments as may be necessary on behalf of the Town to effect said purchase, or take any other action relative thereto.

COMMUNITY PRESERVATION COMMITTEE

**RECOMMENDATION: Approval \$390,000 (8-4-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 9C. Approval of this article will appropriate \$390,000 from the Community Preservation Act Fund Reserves for open space and recreational purposes. This acquisition will enlarge and enhance the Stephen's Field plan to include easier public access, increased open space, and provide additional parking (including overflow for Town events). The parcels comprise a total of .45 acres located at 0, 120 and 125 Sandwich St abutting Stephens Field and will be held in the care and control of the Conservation Commission.

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**ARTICLE 10:** To see if the Town will vote to amend the General By-laws, Chapter 9, "Advisory and Finance Committee," as provided below, with strikethrough language to be deleted:

**§ 9-8. Reports. [Amended 11-16-1987 STM by Art. 11]**

The report of the Committee to the Annual Town Meeting shall be in print and shall contain a list of the regular annual departmental budget recommendations, subdivided to whatever extent seems advisable to the Committee for a vote by the town, provided that salaries and personal services shall be segregated from other expenses ~~and that any contemplated outlay for departmental~~

~~equipment in the amount of \$600 or more, but not meeting the definition of "capital projects and improvements" as defined in Chapter 38, Capital Improvements, § 38-2, of this Code, shall be set forth in a consolidated departmental equipment article and subject to a separate vote.~~ Reports of the Committee on all other Town Meetings shall be in such form as the Committee shall deem advisable. Such report of the Committee shall also contain the recommendations of the Committee on all other Town Meeting Warrant Articles. **[Last Sentence added 5-20-06 ATM by Article 36]**, or take any other action relative thereto.

## SELECT BOARD

### **RECOMMENDATION: Approval Unanimous (12-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 10. This article will amend the General By-laws, Chapter 9, "Advisory and Finance Committee," in accordance with the current annual departmental budget practice.

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**ARTICLE 11:** To see if the Town will vote to transfer the care, custody, management and control of the parcels listed below as on file with the Town Clerk, along with construction vehicle access and stormwater drainage easements, from the Town Treasurer for tax title purposes to the Conservation Commission for conservation purposes pursuant to G.L. c. 40, section 8C; and further to authorize the Conservation Commission to execute any and all instruments as may be necessary to effectuate the vote taken hereunder,

| Parcel ID        | Location            | Legal Reference       | Recording Date |
|------------------|---------------------|-----------------------|----------------|
| 053-000-027A-000 | Off Ellisville Road | Final Judgement       | May 26, 1994   |
| 053-000-027B-000 | & Landing Way       | Book: 12904 Page: 227 |                |

or take any other action relative thereto.

## CONSERVATION COMMISSION

### **RECOMMENDATION: Approval (10-1-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 11. Town Meeting approval of this article will transfer the parcels from the Town Treasurer to the Conservation Commission for protection under Chapter 97. Both parcels were taken by the Town through a tax lien proceeding in the mid-90's. The parcels comprise a total of 3.3 acres off Ellisville Road and Landing Way. The Open Space Committee considers these properties highly valuable since they lie within both the FEMA National Flood Hazard Zone and National Heritage Estimated & Priority Habitats of Rare Wildlife.

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**ARTICLE 12:** To see if the Town will vote to amend its Zoning Bylaw, Section 206-2. Floodplain Overlay District (FPOD) by adopting revised Flood Insurance Rate Maps (FIRM) for the Town of Plymouth, and a revised Plymouth County Flood Insurance Study (FIS) report as well as associated tables, definitions, procedures and provisions for said District, all as on file with the Town Clerk, or take any other action relative thereto.

## PLANNING AND COMMUNITY DEVELOPMENT

### **No Motion No Action**

**ARTICLE 13:** To see if the Town will vote to amend its Zoning Bylaw, Section 206-1 – “Aquifer Protection District” to revise the Town’s Official Zoning Map to revise the boundaries of the Aquifer Protection District, all as on file with the Town Clerk, or to take any action relative thereto.

**PLANNING AND COMMUNITY DEVELOPMENT**

**RECOMMENDATION: Approval Unanimous (12-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 13. Approval of this article will amend Plymouth’s Zoning Bylaw, Section 206-1 – “Aquifer Protection District” to revise the Town’s Official Zoning Map to modify the boundaries of the Aquifer Protection District to include a Zone I designation for the new Forges Field well as required by DEP.

# ROLL CALL VOTING CHARTS

**ADVISORY & FINANCE COMMITTEE - ROLL CALL VOTING CHART - ANNUAL TM ARTICLES**

Y - For

## N - Against

A - Abstain

X - Absent

Ch - Chair did not vote

## ARTICLES

Gene Blanchard  
Gail Butler  
Kevin Carty  
Brian Dunn  
Karen Hamilton  
Harry Helm  
Roz Jones  
Larry McGrath  
Steve Nearman  
Meaghan O'Connell  
Ashley Shaw  
Marc Sirrico  
Sheryl Sousa  
Scott Stephenson  
Evelyn Strawn

## VOTE TOTAL

## FOR-AGAINST-ABSTAIN

| ARTICLES  |   |  |   |   |    |   |   |   |   |   |   |   |   |   |   | FOR REFERRED ACTION        |                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------|---|--|---|---|----|---|---|---|---|---|---|---|---|---|---|----------------------------|----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>1</b>  | Collective Bargaining Agreements                          |  |   |   | Ch |   |   |   |   |   |   |   |   |   |   | <b>No Motion No Action</b> |                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>2A</b> | General Fund Supplemental Budget                          |  | Y | Y | Ch | Y | Y | X | Y | X | Y | Y | Y | Y | Y | X                          | <b>11-0-0</b>              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>2B</b> | Enterprise Fund Supplemental Budget                       |  |   |   |    |   |   |   |   |   |   |   |   |   |   |                            | <b>No Motion No Action</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>3</b>  | Facility Maintenance Stabilization Fund                   |  |   |   | Ch |   |   |   |   |   |   |   |   |   |   |                            | <b>No Motion No Action</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>4</b>  | A: Communication Tower                                    |  |   |   | Ch | Y | Y | X | Y | X | Y | Y | Y | Y | Y | X                          | <b>11-0-0</b>              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | B: Vehicle Lift   |  |   |   |    |   |   |   |   |   |   |   |   |   |   |                            |                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | C: Herring Ponds Watershed Study                          |  |   |   |    |   |   |   |   |   |   |   |   |   |   |                            |                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | D: Engineer & Design Dam Bypass at Jenney Pond            |  |   |   |    |   |   |   |   |   |   |   |   |   |   |                            |                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | E: Manomet Zone Pipe Upgrades                             |  |   |   |    |   |   |   |   |   |   |   |   |   |   |                            |                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | F: Taxiway Echo Extension                                 |  |   |   |    |   |   |   |   |   |   |   |   |   |   |                            |                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | G: Purchase NW-26 SRE Building                            |  |   |   |    |   |   |   |   |   |   |   |   |   |   |                            |                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>5</b>  | Darby Pond Land Acquisition                               |  | Y | Y | Ch | Y | Y | X | Y | Y | Y | Y | Y | Y | Y | X                          | <b>12-0-0</b>              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>6</b>  | Cyanobacteria Sampling                                    |  | Y | Y | Ch | Y | Y | Y | Y | Y | Y | X | Y | Y | Y | X                          | <b>12-0-0</b>              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>7</b>  | Foothills Preserve plantings                              |  | Y | Y | Ch | Y | Y | Y | Y | Y | Y | X | Y | Y | Y | X                          | <b>12-0-0</b>              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>8</b>  | DMEA Mobile Educational Trailer                           |  | Y | Y | Ch | Y | Y | Y | Y | Y | Y | X | Y | Y | Y | X                          | <b>12-0-0</b>              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>9A</b> | Amend CPC Articles of August 10, 2020 Town Meeting        |  | Y | Y | Ch | Y | Y | X | Y | Y | Y | Y | Y | Y | Y | X                          | <b>12-0-0</b>              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>9B</b> | CPC - Purchase Siever Property for Russell Mills Pond     |  | Y | Y | Ch | Y | Y | Y | X | A | Y | Y | Y | Y | Y | Y                          | <b>12-0-1</b>              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>9C</b> | CPC -Purchase Romano Property for Stephens Field Addition |  | N | N | Ch | Y | Y | N | X | X | N | Y | Y | Y | Y | Y                          | <b>8-4-0</b>               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>10</b> | Amend By-law Chap 9 Advisory & Finance                    |  | Y | Y | Ch | Y | Y | X | Y | Y | Y | Y | Y | Y | Y | X                          | <b>12-0-0</b>              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>11</b> | Conveyance of Tax Title Property to Conservation          |  | Y | N | Ch | Y | Y | Y | Y | Y | X | X | Y | Y | Y | X                          | <b>10-1-0</b>              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>12</b> | Flood Plain Overlay District                              |  |   |   | Ch |   |   |   |   |   |   |   |   |   |   |                            | <b>No Motion No Action</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>13</b> | Zoning- Revise Aquifer Protection District Map            |  | Y | Y | Ch | Y | Y | Y | X | X | Y | Y | Y | Y | Y | Y                          | <b>12-0-0</b>              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**CAPITAL  
IMPROVEMENTS  
COMMITTEE  
RECOMMENDATIONS**

**TOWN OF PLYMOUTH - FY21 CAPITAL IMPROVEMENT PLAN REQUESTS PRIORITIZED BY THE CAPITAL IMPROVEMENTS COMMITTEE ON 1/22/20, PRIORITIZED FOR FATM ON SEPT. 10, 2020**

| DEPT<br>ACCOUNT | DEPT<br>PRIORITY | DIV.<br>PRIORITY | DEPARTMENT<br>OR SPONSOR   | PROJECT DESCRIPTION   | COMPONENT<br>COST | PROJECT<br>COST | R<br>A<br>N<br>K | TOWN MANAGER  |                                   |             |              |                 |               |               |  | SOLID<br>WASTE<br>FUND | REVOLVING<br>FUND | OTHER | DEBT   |  |
|-----------------|------------------|------------------|----------------------------|---|-------------------|-----------------|------------------|---|-----------------------------------|-------------|--------------|-----------------|---------------|---------------|--|------------------------|-------------------|-------|--------|--|
|                 |                  |                  |                            |   |                   |                 |                  | RECOMMENDED<br>PROJECT<br>FUNDING   | REVISED<br>RECOMMENDED<br>FUNDING | TAX<br>LEVY | FREE<br>CASH | AIRPORT<br>FUND | SEWER<br>FUND | WATER<br>FUND |  |                        |                   |       |        |  |
| 220             | 1                |                  | Fire Department            | *Replace Vehicle Lift System                                    |                   | \$55,000.00     | 1                | \$55,000  |                                   |             | 55,000       |                 |               |               |  |                        |                   |       |        |  |
| 220             | 1                |                  | Fire Department            | Firefighting Gear (New & Replacement)                           |                   | \$155,261.00    | 1a               | \$155,261   |                                   |             | 155,261      |                 |               |               |  |                        |                   |       |        |  |
| 155             | 1                |                  | Information Technology     | VM Ware Upgrade   |                   | \$160,000.00    | 2                | \$160,000   |                                   |             | 160,000      |                 |               |               |  |                        |                   |       |        |  |
| 210             | 2                |                  | Police Department          | Virtual LE Training System                                      |                   | \$114,341.00    | 3                | \$114,341   |                                   |             | 114,341      |                 |               |               |  |                        |                   |       |        |  |
| 300             | 3.04             |                  | School Department          | Federal Furnace Elementary School Roof Replacement              |                   | \$1,388,825.00  | 4                | Wait until the Engineering & Design are complete (see below) and that they have submitted to MSBA for the funding |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 421             | 1                |                  | DPW Admin                  | Water St Seawall Inspection/Repairs                             |                   | \$490,000.00    | 5                |   | \$75,000                          |             | 75,000       |                 |               |               |  |                        |                   |       |        |  |
| 422             |                  |                  | DPW Operations-Maintenance | Town Building Repair Program:                                   |                   | \$1,852,100.00  | 6                | \$1,827,100   |                                   |             | 1,827,100    |                 |               |               |  |                        |                   |       |        |  |
|                 | 1                |                  |                            | Roof Supplements - Manomet Fire Station & Police Station        | \$668,000.00      |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
|                 | 2                |                  |                            | Roof Supplements - Pinehills & C'ville Fire Stations & Animal S | \$402,000.00      |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
|                 | 3                |                  |                            | Fire Escape Replacement at Memorial Hall                        | \$25,000.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
|                 | 4                |                  |                            | Building Code Survey/Feasibility at DPW and Cedarville Salt S   | \$60,500.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
|                 | 5                |                  |                            | Paving at HQ, Manomet & West Fire Stations & DPW Annex          | \$550,000.00      |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
|                 | 6                |                  |                            | Replace Steel Entry Doors at DPW Highway                        | \$53,600.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
|                 | 7                |                  |                            | HVAC Energy Recovery Unit at Animal Shelter                     | \$40,000.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
|                 | 8                |                  |                            | Exterior Trim Painting at Memorial Hall                         | \$53,000.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 411             | 4                |                  | DPW Operation-Engineering  | Upgrade Traffic Signal at Court & Cherry Sts.                   |                   | \$1,500,000.00  | 7                |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 210             | 2                |                  | Police Department          | Replace Portable Radios   |                   | \$267,350.00    | 8                | \$267,350   |                                   |             | 267,350      |                 |               |               |  |                        |                   |       |        |  |
| 220             | 3                |                  | Fire Department            | Complete Upgrades to Public Safety Radio System                 |                   | \$90,000.00     | 9                | \$90,000  |                                   |             | 90,000       |                 |               |               |  |                        |                   |       |        |  |
| 427             |                  |                  | Marine & Environmental     | *Herring Ponds Watershed Study                                  |                   | \$81,023.40     | 9a               | \$81,023  |                                   |             |              |                 |               |               |  |                        |                   |       | 81,023 |  |
| 427             |                  |                  | Marine & Environmental     | *Engineering & Permitting for Dam Bypass at Jenney Pond         |                   | \$75,000.00     | 9b               | \$75,000  |                                   |             |              |                 |               |               |  |                        |                   |       | 75,000 |  |
| 300             | 1                |                  | School Department          | School Building Repair Program                                  |                   |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.01            |                  |                  | IBES                       | Engr, Design & Const. Oversight for Modular Envelopes           | \$61,500.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.02            |                  |                  | FFES, WES, IBES            | Engr, Design & Const. Oversight for Roof Replacements           | \$247,100.00      |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.03            |                  |                  | PCIS                       | Replace Fire Alarm System                                       | \$45,963.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.04            |                  |                  | PSMS                       | Bus Road Asphalt Repairs  | \$149,490.00      |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.05            |                  |                  | PCIS                       | Field Renovations & Chain Link Fence Installation               | \$153,945.00      |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.06            |                  |                  | West                       | Window Replacement-Ph. 3  | \$145,044.00      |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.07            |                  |                  | Federal Furnace            | Window Replacement-Ph. 1  | \$118,184.00      |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.08            |                  |                  | Hedge                      | Resurface Parking Lots  | \$101,575.00      |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.09            |                  |                  | PCIS                       | Replace Public Address System                                   | \$29,578.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.10            |                  |                  | PSMS                       | Sidewalk Asphalt Repairs  | \$66,750.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.11            |                  |                  | PCIS                       | Replace Carpet with Vinyl Tile                                  | \$64,815.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.12            |                  |                  | Harbor Academy             | Replace Carpet with Vinyl Tile                                  | \$41,500.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.13            |                  |                  | PCIS                       | Replace Gym Floor   | \$150,000.00      |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1.14            |                  |                  | PCIS                       | Install Vertical Blinds   | \$25,253.00       |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 300             | 3.03             |                  | School Department          | Indian Brook Elementary School Roof Replacement                 |                   | \$1,550,000.00  |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
|                 |                  |                  |                            |   |                   |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 300             | 3.02             |                  | School Department          | West Elementary School Roof Replacement                         |                   | \$1,366,500.00  |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 300             | 3.02             |                  | School Department          | *PSMS Bus Road Asphalt Repairs                                  |                   | 149,490.00      |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 300             | 3.01             |                  | School Department          | Modular Classroom Renovations at Indian Brook Elementary Sch    |                   | \$360,000.00    |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 422             |                  |                  | DPW Operations-Maintenance | Town Vehicle & Equipment Replacement Program                    |                   |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 3               |                  |                  | 295                        | HM Replace 2006 Truck ME3                                       | \$47,000          |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1               |                  |                  | 420                        | HY Replace 1988 Holder Mower/Sidewalk Plow H332                 | \$227,895         |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 2               |                  |                  | 420                        | HY Replace 2002 Dump Truck H355                                 | \$85,341          |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 4               |                  |                  | 420                        | HY Purchase New Compact Skid steer/Loader                       | \$57,787          |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 5               |                  |                  | 420                        | HY Replace 2006 Dump Truck H346                                 | \$103,418         |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 6               |                  |                  | 420                        | HY Replace 2006 Dump Truck H347                                 | \$103,418         |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 7               |                  |                  | 420                        | HY Replace 2006 Dump Truck H348                                 | \$103,418         |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 8               |                  |                  | 420                        | HY Replace 1988 Dresser 5-Ton Roller H312                       | \$72,490          |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 9               |                  |                  | 420                        | HY Replace 2008 Utility Truck H38                               | \$85,341          |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 10              |                  |                  | 420                        | HY Replace 2006 Truck H345                                      | \$103,418         |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 11              |                  |                  | 420                        | HY Replace 2006 Truck H356                                      | \$103,418         |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1               |                  |                  | 425                        | FLT Replace 1983 Forklift                                       | \$64,335          |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 2               |                  |                  | 425                        | FLT Replace Jacks for Vehicle Lift                              | \$19,575          |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1               |                  |                  | 491                        | CEM New Heavy Duty Utility Vehicle                              | \$39,600          |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |
| 1               |                  |                  | 492                        | PK Replace Three Zero-Turn Mowers                               | \$43,328          |                 |                  |   |                                   |             |              |                 |               |               |  |                        |                   |       |        |  |

**TOWN OF PLYMOUTH - FY21 CAPITAL IMPROVEMENT PLAN REQUESTS PRIORITIZED BY THE CAPITAL IMPROVEMENTS COMMITTEE ON 1/22/20, PRIORITIZED FOR FATM ON SEPT. 10, 2020**

| DEPT<br>ACCOUNT | DEPT<br>PRIORITY | DIV.<br>PRIORITY | DEPARTMENT<br>OR SPONSOR    | PROJECT DESCRIPTION  | COMPONENT<br>COST | PROJECT<br>COST | R<br>A<br>N<br>K                                  | TOWN MANAGER            |  |                                       |             |              |                 |               | SOLID<br>WASTE<br>FUND | REVOLVING<br>FUND | OTHER     | DEBT             |
|-----------------|------------------|------------------|-----------------------------|--|-------------------|-----------------|---|-------------------------|--|---------------------------------------|-------------|--------------|-----------------|---------------|------------------------|-------------------|-----------|------------------|
|                 |                  |                  |                             |  |                   |                 |   | A<br>PROJECT<br>FUNDING | A<br>RECOMMENDED<br>PROJECT<br>FUNDING | R<br>Evised<br>RECOMMENDED<br>FUNDING | TAX<br>LEVY | FREE<br>CASH | AIRPORT<br>FUND | SEWER<br>FUND | WATER<br>FUND          |                   |           |                  |
| 2               | 492              |                  | PK                          | Replace 1987 Tractor   | \$66,085          |                 |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 3               | 492              |                  | PK                          | Replace 2007 Bucket Truck P64                                | \$239,397         |                 |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 5               | 492              |                  | PK                          | New Compact Loader w/Attachments                             | \$77,197          |                 |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 6               | 492              |                  | PK                          | New Truck w/Plow   | \$103,418         |                 |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 411             | 2                |                  | DPW Operation-Engineering   | Bartlett Rd. Bridge Design & Construction                    | \$1,500,000.00    | 15              | TM will be recommending Brook Road Bridge at STM. |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 421             | 2                |                  | DPW Admin                   | OSHA Compliance  | \$20,000.00       | 16              | \$20,000  |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 630             | 1                |                  | Community Resources-Recreat | Pickleball Court Construction at Forges Field                | \$170,000.00      | 17              | \$170,000   |                         |  |                                       |             |              |                 |               |                        |                   | 170,000   |                  |
| 492             | 4                |                  | DPW-Parks & Forestry        | Upgrade Three Playgrounds for ADA Compliance                 | \$545,033.00      | 18              | \$545,033   |                         |  |                                       |             |              |                 |               |                        |                   | 520,033   | CPC Application  |
| 210             | 1                |                  | Police Department           | Shotgun Replacement  | \$35,395.00       | 19              | \$35,395  |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 220             | 1                |                  | Fire Department             | Replace & Equip Command Vehicles C3 & C12                    | \$119,000.00      | 20              | \$119,000   |                         |  |                                       |             |              |                 |               |                        |                   | 119,000   | Fire Safety Fund |
| 411             | 1                |                  | DPW Operation-Engineering   | Town Wide Signal Inspection                                  | \$250,000.00      | 21              |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 300             | 2                |                  | School Department           | School Vehicle & Equipment Replacement Program               | \$241,435.00      | 22              |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 2.01            |                  |                  | DW Facilities               | Replace 2002 Rack Truck 940                                  | \$63,000.00       |                 |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 2.02            |                  |                  | DW Facilities               | Replace 2002 Utility Truck 945                               | \$52,000.00       |                 |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 2.03            |                  |                  | CCTE Tech Ed                | Replace 2005 Passenger Van                                   | \$40,935.00       |                 |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 2.04            |                  |                  | CCTE Tech Ed                | Replace 2008 SVU   | \$36,000.00       |                 |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 2.04            |                  |                  | CCTE Tech Ed                | Replace 2002 Utility Truck 949 (w/o Sander)                  | \$49,500.00       |                 |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 411             | 5                |                  | DPW Operation-Engineering   | Implementation of ADA Compliance-Ph 2                        | \$115,000.00      | 23              |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 491             | 3                |                  | DPW Grounds-Cemetery        | Expand Cedarville Cemetery                                   | \$20,250.00       | 24              | \$20,250  |                         |  |                                       |             |              |                 |               |                        |                   | 20,250    | Sale of Lots     |
| 490             | 4                |                  | DPW Grounds-Crematory       | Repairs to Retort 3 Floor & Chamber                          | \$24,728.00       | 25              | \$24,728  |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 491             | 4                |                  | DPW Grounds-Cemetery        | Hearse House Renovations                                     | \$50,000.00       | 26              | \$50,000  |                         |  |                                       |             |              |                 |               |                        |                   | 50,000    |                  |
| 411             | 6                |                  | DPW Operation-Engineering   | Town Wide Sidewalk Replacement                               | \$500,000.00      | 27              |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 491             | 2                |                  | DPW Grounds-Cemetery        | Burial Hill Walkways & Railings Repair                       | \$55,000.00       | 28              | \$55,000  |                         |  |                                       |             |              |                 |               |                        |                   | 55,000    |                  |
| 427             | 1                |                  | Marine & Environmental      | Sawmill Dam Repairs  | \$490,000.00      | 29              | \$490,000   |                         |  |                                       |             |              |                 |               |                        |                   | 340,000   | Existing Funding |
| 210             | 3                |                  | Police Department           | Upgrade Town-Wide Camera System                              | \$180,000.00      | 30              |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 420             | 3                |                  | DPW Operations-Highway      | Traffic Signal Cameras                                       | \$29,205.00       | 31              |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 411             | 3                |                  | DPW Operation-Engineering   | Wicking Well Manomet Ave.                                    | \$180,000.00      | 32              |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 411             | 7                |                  | DPW Operation-Engineering   | W. Plymouth, Plympton Rd. & West Elementary School Sidewalks | \$1,500,000.00    | 33              | \$1,500,000                                       |                         |  |                                       |             |              |                 |               |                        |                   | 1,500,000 |                  |
| 411             | 8                |                  | DPW Operation-Engineering   | Federal Furnace Elementary School Sidewalks (5 phases)       | \$3,000,000.00    | 34              |   |                         |  |                                       |             |              |                 |               |                        |                   |           |                  |
| 491             | 5                |                  | DPW Grounds-Cemetery        | Cedarville Cemetery Fence                                    | \$60,750.00       | 35              | \$60,750  |                         |  |                                       |             |              |                 |               |                        |                   | 60,750    | Sale of Lots     |

TOWN OF PLYMOUTH - FY21 CAPITAL IMPROVEMENT PLAN REQUESTS PRIORITIZED BY THE CAPITAL IMPROVEMENTS COMMITTEE ON 1/22/20, PRIORITIZED FOR FATM ON SEPT. 10, 2020

## **COMMUNITY PRESERVATION ARTICLES:**

|     |             |   |              |
|-----|-------------|---|--------------|
| 181 | ATM Art 16E | ADA Improvements at Three Playgrounds                 | \$545,033.00 |
|     | FATM Art 9B | "Purchase Romant Property for Stephens Field Addition | \$390,000.00 |
|     | FATM Art 9C | "Purchase Siever Property for Russell Mills Pond      | \$117,000.00 |
|     | ATM Art 16F | Construction of Pickleball Courts at Forges Field     | \$170,000.00 |
|     | ATM Art 16G | Update Burial Hill Gravestone/Condition Report        | \$200,000.00 |

\*denotes FATM requests voted Sept. 10, 2020

**TOWN OF PLYMOUTH - FY20 CAPITAL IMPROVEMENT PLAN REQUESTS PRIORITIZED BY CAPITAL IMPROVEMENTS COMMITTEE ON JAN. 11, 2 019, WITH FATM ARTICLES VOTED ON SEPT. 9, 2019, and  
ATM ARTICLES VOTED ON MAR. 9 2020**

| DEPT<br>ACCOUNT | DEPT<br>PRIORITY | DIV.<br>PRIORITY         | DEPARTMENT<br>OR SPONSOR   | PROJECT DESCRIPTION   | COMPONENT<br>COST | PROJECT<br>COST | R<br>A<br>N<br>K | TOWN MANAGER<br>RECOMMENDED<br>PROJECT<br>FUNDING | TAX<br>LEVY | FREE<br>CASH | AIRPORT<br>FUND | SEWER<br>FUND | WATER<br>FUND | SOLID<br>WASTE<br>FUND | DEBT      | OTHER<br>FUND      |          |
|-----------------|------------------|--------------------------|--|---|-------------------|-----------------|------------------|---|-------------|--------------|-----------------|---------------|---------------|------------------------|-----------|--------------------|----------|
| 422             |                  | 1                        | DPW Operations-Maintenai   | Fire Station 1-Roof Replacement and Sump Pump                 | \$483,914         | 1               | 483,914          |   |             | 483,914      |                 |               |               |                        |           |                    |          |
| 411             |                  | 1                        | DPW Operation-Engineerin   | Implementation of EPA General Permit for Stormwater Discharge | \$500,000         | 2               | 500,000          |   |             | 500,000      |                 |               |               |                        |           |                    |          |
| 220             |                  | 2                        | Fire Department  | Firefighting Gear   | \$108,000         | 3               | 108,000          |   |             | 108,000      |                 |               |               |                        |           |                    |          |
| 220             |                  | Fire Department          | *Art. 4 - Public Safety Communications Tower                     |   | \$500,000         | 3a              | 500,000          |   |             | 259,840      |                 |               |               |                        | 240,160   | Insurance Proceeds |          |
| 220             |                  | DPW Operations-Mainte    | *Art. 4 - Schematic Design, Feasibility, OPM for 4 Fire Stations |   | \$500,000         | 3b              | 500,000          |   |             | 500,000      |                 |               |               |                        |           |                    |          |
| 427             |                  | 1                        | Marine & Environmental   | Plymouth Harbor Dredging                                      | \$5,319,500       | 4               | 5,319,500        |   |             |              |                 |               |               |                        | 2,500,000 | 2,819,500          | Grants & |
| 411             |                  | 1                        | DPW Operation-Enginei  | *Art. 4 - Brook Rd. Bridge Design & Construction              | \$2,200,000       | 4a              | 2,200,000        |   |             |              |                 |               |               |                        | 1,700,000 | 500,000            | Grant    |
| 492             |                  | 2                        | DPW Grounds & Recreatio  | Nelson Park Play Structure Replacement                        | \$339,029         | 5               | 339,029          |   |             |              |                 |               |               |                        | 339,029   | CPA App            |          |
| 492             |                  | 3                        | DPW Grounds & Recreatio  | Elmer Raymond Play Structure Resurfacing                      | \$137,500         | 6               | 137,500          |   |             |              |                 |               |               |                        | 137,500   | CPA App            |          |
| 411             |                  | 12                       | DPW Operation-Engineerin   | Implementation of ADA Compliance-Ph 1                         | \$35,000          | 7               | 35,000           |   |             | 35,000       |                 |               |               |                        |           |                    |          |
| 220             |                  | 3                        | Fire Department  | Public Safety Radio System Upgrades                           | \$87,000          | 8               | 87,000           |   |             | 87,000       |                 |               |               |                        |           |                    |          |
| 427             |                  | 3                        | Marine & Environmental   | +Art. 4 - Harbor Master Patrol Boat                           | \$300,000         | 8a              |                  |   |             | 75,000       |                 |               |               |                        | 225,000   | Grant              |          |
| 421             |                  | 1                        | DPW Admin  | Road Preservation - Article 11                                | \$5,000,000       | 9               | 5,000,000        |   |             |              |                 |               |               |                        | 5,000,000 |                    |          |
| 421             |                  | 2                        | DPW Admin  | Gravel Road Improvement - Article 12                          | \$1,000,000       | 10              | 1,000,000        |   |             | 1,000,000    |                 |               |               |                        |           |                    |          |
| 210             |                  | 1                        | Police Department  | Patrol Rifle Replacement                                      | \$70,543          | 11              | 70,543           |   |             | 70,543       |                 |               |               |                        |           |                    |          |
| 422             |                  | DPW Operations-Maintenai | Town Building Repair Program:                                    |   | \$1,241,431       | 12              |                  |   |             | 244,102      |                 |               |               |                        |           |                    |          |
|                 |                  | 4                        |  | Roof Repairs at Various Town Buildings                        | \$244,102.00      |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
|                 |                  | 5                        |  | HVAC Repairs at Various Town Buildings                        | \$701,122.00      |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
|                 |                  | 6                        |  | Electrical/Fire Safety Repairs at Various Town Buildings      | \$296,207.00      |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 300             |                  | 1                        | School Department  | School Building Repair Program                                | \$1,381,606       | 13              |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.01            |                  | Hedge                    |  | Add'l Costs for Exterior Trim and Cupola Repairs & Paint      | \$85,000.00       |                 |                  |   |             | 85,000       |                 |               |               |                        |           |                    |          |
| 1.02            |                  | West                     |  | Replace Windows-1 Pod Per Year-Ph 2                           | \$105,000.00      |                 |                  |   |             | 105,000      |                 |               |               |                        |           |                    |          |
| 1.03            |                  | Hedge                    |  | Pave Parking Area   | \$85,000.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.04            |                  | West                     |  | Create Parking Area   | \$40,000.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.05            |                  | PCIS                     |  | Replace IMC Carpet with Vinyl Tile                            | \$65,500.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.06            |                  | PSMS                     |  | Sidewalk Asphalt Repairs                                      | \$66,800.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.07            |                  | PCIS                     |  | Replace Public Address System                                 | \$27,300.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.08            |                  | Federal Furnace          |  | Replace Windows-1 Pod Per Year                                | \$105,000.00      |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.09            |                  | Hedge                    |  | Remove & Replace Gym Floor                                    | \$37,050.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.10            |                  | PCIS                     |  | Field Renovations and Chain Link Fence Installation           | \$168,402.00      |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.11            |                  | Manomet                  |  | Interior Patching & Painting                                  | \$80,000.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.12            |                  | Indian Brook/South       |  | Install Gym Dividers  | \$21,554.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.13            |                  | Cold Spring              |  | Restoration of Play Area                                      | \$25,000.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.14            |                  | Federal Furnace          |  | Replace Skylights   | \$68,500.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.15            |                  | Cold Spring              |  | ACM Tile Removal and Install VCT Tile                         | \$95,000.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.16            |                  | Indian Brook             |  | Resurface Gym Floor   | \$34,500.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.17            |                  | PCIS                     |  | Replace Gym Floor   | \$191,000.00      |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.18            |                  | South                    |  | Resurface Gym Floor   | \$40,500.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |
| 1.19            |                  | Federal Furnace          |  | Resurface Gym Floor   | \$40,500.00       |                 |                  |   |             |              |                 |               |               |                        |           |                    |          |

**TOWN OF PLYMOUTH - FY20 CAPITAL IMPROVEMENT PLAN REQUESTS PRIORITIZED BY CAPITAL IMPROVEMENTS COMMITTEE ON JAN. 11, 2 019, WITH FATM ARTICLES VOTED ON SEPT. 9, 2019, and  
ATM ARTICLES VOTED ON MAR. 9 2020**

| DEPT<br>ACCOUNT | DEPT<br>PRIORITY | DIV.<br>PRIORITY | DEPARTMENT<br>OR SPONSOR | PROJECT DESCRIPTION   | COMPONENT<br>COST | PROJECT<br>COST    | R<br>A<br>N<br>K | TOWN MANAGER<br>RECOMMENDED |             |              |                 |               |               | SOLID<br>WASTE<br>FUND | DEBT             | OTHER<br>FUND    |                     |                   |
|-----------------|------------------|------------------|--------------------------|---|-------------------|--------------------|------------------|-----------------------------|-------------|--------------|-----------------|---------------|---------------|------------------------|------------------|------------------|---------------------|-------------------|
|                 |                  |                  |                          |   |                   |                    |                  | PROJECT<br>FUNDING          | TAX<br>LEVY | FREE<br>CASH | AIRPORT<br>FUND | SEWER<br>FUND | WATER<br>FUND |                        |                  |                  |                     |                   |
| 411             | 4                |                  |                          | DPW Operation-Engineerin Relocate Existing Culvert on Hedge Road                                |                   | \$750,000          | 14               | 750,000                     |             |              |                 |               |               |                        |                  | 750,000          |                     |                   |
| 490             | 1                |                  |                          | DPW Grounds & Recreation Crematory - +Art. 4 - Additional Funding for Retort Repairs            |                   | \$85,000           | 14a              |                             |             | 48,500       |                 |               |               |                        |                  |                  | 36,500 Past Article |                   |
| 491             | 1                |                  |                          | DPW Grounds & Recreation Cemetery - Water Line and Paving in Vine Hills Cemetery Sections I & K |                   | \$75,000           | 15               | 75,000                      |             |              |                 |               |               |                        |                  |                  | 75,000 Sale of Lots |                   |
| 492             | 9                |                  |                          | DPW Grounds & Recreation Parks - Replace Wooden Beach Ramps                                     |                   | \$28,050           | 16               | 28,050                      |             | 28,050       |                 |               |               |                        |                  |                  |                     |                   |
| 138             | 1                |                  | Procurement/IT           | Purchase & Implementation of Munis Capital Assets Software                                      |                   | \$45,850           | 17               | 45,850                      |             | 45,850       |                 |               |               |                        |                  |                  |                     |                   |
| 492             | 1                |                  |                          | DPW Grounds & Recreation Parks - Jenney Grist Mill Lighting                                     |                   | \$495,000          | 18               |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
| 422             |                  |                  |                          | DPW Operations-Maintain Town Vehicle & Equipment Replacement Program                            |                   | \$2,476,210        | 19               |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 1                | 425              | FLT                      | Fuel Efficiency Program   |                   | \$283,952          |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 2                | 425              | FLT                      | Replace 1983 Forklift   |                   | \$64,334           |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 1                | 420              | HY                       | Replace 2000 6 Wheel Truck H32  |                   | \$254,463          |                  |                             | 254,463     |              | 254,463         |               |               |                        |                  |                  |                     |                   |
|                 | 2                | 420              | HY                       | Replace 1999 6 Wheel Truck H36  |                   | \$254,463          |                  |                             | 254,463     |              | 254,463         |               |               |                        |                  |                  |                     |                   |
|                 | 3                | 420              | HY                       | Replace 1997 Loader   |                   | \$218,350          |                  |                             | 218,350     |              | 218,350         |               |               |                        |                  |                  |                     |                   |
|                 | 4                | 420              | HY                       | Replace 1988 Holder Mower/Sidewalk Plow H332  |                   | \$225,716          |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 5                | 420              | HY                       | Replace 2007 Sweeper H304   |                   | \$317,345          |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 6                | 420              | HY                       | Replace 2002 Dump Truck H355  |                   | \$90,000           |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 7                | 420              | HY                       | Purchase New Compact Skidsteer/Loader   |                   | \$34,839           |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 8                | 420              | HY                       | Replace 1995 Holder 325   |                   | \$225,716          |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 9                | 420              | HY                       | Replace 1988 Dresser 5-Ton Roller H312  |                   | \$85,000           |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 10               | 420              | HY                       | Replace 2006 Dump Truck H346  |                   | \$90,000           |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 11               | 420              | HY                       | Replace 2006 Dump Truck H347  |                   | \$90,000           |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 12               | 420              | HY                       | Replace 2006 Dump Truck H348  |                   | \$90,000           |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 4                | 492              | PK                       | Replace 2010 Truck P22  |                   | \$58,982           |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 8                | 492              | PK                       | Replace 1997 Tractor  |                   | \$61,495           |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
|                 | 12               | 492              | PK                       | New Pickup Truck  |                   | \$31,555           |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
| 300             | 2                |                  | School Department        | School Vehicle & Equipment Replacement Program  |                   | \$200,500          | 20               |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
| 2.01            |                  |                  | DW Facilities            | Replace 2006 Utility Truck 945  |                   | \$52,000.00        |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
| 2.02            |                  |                  | DW Facilities            | Replace 2002 Rack Truck 940   |                   | \$63,000.00        |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
| 2.03            |                  |                  | DW Facilities            | Replace 2008 Ford Explorer  |                   | \$36,000.00        |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
| 2.04            |                  |                  | DW Facilities            | Replace Utility Truck 949 (w/o Sander)  |                   | \$49,500.00        |                  |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
| 411             | 9                |                  |                          | DPW Operation-Engineerin Town Wide Sidewalk Replacement   |                   | \$500,000          | 21               |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
| 427             | 2                |                  | Marine & Environmental   | Repairs to Russell Pond Dam   |                   | \$400,000          | 22               |                             |             |              |                 |               |               |                        |                  |                  | Available Funds     |                   |
| 411             | 5                |                  |                          | DPW Operation-Engineerin Brook Road Bridge Design and Construction                              |                   | \$1,000,000        | 23               |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
| 411             | 8                |                  |                          | DPW Operation-Engineerin Document Management System   |                   | \$60,000           | 24               |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
| 411             | 2                |                  |                          | DPW Operation-Engineerin Town Wide Signal Inspection  |                   | \$250,000          | 25               |                             |             |              |                 |               |               |                        |                  |                  |                     |                   |
| 422             | 2                |                  |                          | <b>DPW Operation-Maintain Art. 6 - Renovations to 3 Fire Stations</b>                           |                   | <b>\$3,000,000</b> | <b>25a</b>       | <b>3,000,000</b>            |             |              |                 |               |               |                        | <b>1,607,356</b> | <b>226,714</b>   | <b>Old Article</b>  |                   |
| 411             | 11               |                  |                          | DPW Operation-Engineerin Upgrade Three Existing Traffic Signals                                 |                   | \$320,000          | 26               |                             |             |              |                 |               |               |                        |                  | <b>1,165,930</b> | <b>1,165,930</b>    | <b>Sale of RE</b> |

**TOWN OF PLYMOUTH - FY20 CAPITAL IMPROVEMENT PLAN REQUESTS PRIORITIZED BY CAPITAL IMPROVEMENTS COMMITTEE ON JAN. 11, 2 019, WITH FATM ARTICLES VOTED ON SEPT. 9, 2019, and  
ATM ARTICLES VOTED ON MAR. 9 2020**

| DEPT<br>ACCOUNT | DEPT<br>PRIORITY | DIV.<br>PRIORITY | DEPARTMENT<br>OR SPONSOR   | PROJECT DESCRIPTION                                   | COMPONENT<br>COST | PROJECT<br>COST | R<br>A<br>N<br>K | TOWN MANAGER<br>RECOMMENDED<br>PROJECT<br>FUNDING | TAX<br>LEVY   | FREE<br>CASH | AIRPORT<br>FUND | SEWER<br>FUND | WATER<br>FUND | SOLID<br>WASTE<br>FUND | DEBT | OTHER<br>FUND |                  |
|-----------------|------------------|------------------|--|---|-------------------|-----------------|------------------|---|---------------|--------------|-----------------|---------------|---------------|------------------------|------|---------------|------------------|
| 492             |                  | 5                | DPW Grounds & Recreation Parks - Brewster Gardens Granite Post & Iron Rail Fence |   | \$80,000          | 27              |                  |   |               |              |                 |               |               |                        |      |               |                  |
| 427             |                  | 6                | Marine & Environmental   | +Art. 4 - Harbor Master Floating Dock & Gangway       | \$140,000         | 27a             | 140,000          |   |               |              |                 |               |               |                        |      | 140,000       | WW Fund          |
| 492             |                  | 10               | DPW Grounds & Recreation Parks - Restoration of Benches and Trash Receptacles    |   | \$22,749          | 28              |                  |   |               |              |                 |               |               |                        |      |               |                  |
| 491             |                  | 3                | DPW Grounds & Recreation Parks - Burial Hill Cannon Surround Fence               |   | \$60,000          | 29              |                  |   |               |              |                 |               |               |                        |      |               |                  |
| 492             |                  | 6                | DPW Grounds & Recreation Parks - Training Green Walkways                         |   | \$165,000         | 30              |                  |   |               |              |                 |               |               |                        |      |               |                  |
| 491             |                  | 2                | DPW Grounds & Recreation Cemetery - Hearse House Renovation                      |   | \$350,000         | 31              |                  |   |               |              |                 |               |               |                        |      |               |                  |
| 220             |                  | 1                | Fire Department  | Rehab Engine 3  | \$47,400          | 32              |                  |   |               |              | -               |               |               |                        |      |               |                  |
| 220             |                  | 1                | Fire Department  | +Art. 4 - Rehab Engine 3                              | \$54,400          | 32              | 54,400           |   |               |              |                 |               |               |                        |      | 54,400        | Fire Safety Fund |
| 427             |                  | 1                | Marine & Environmental   | +Art. 4 - Jenney Pond Dam Engineering/Permitting      | \$77,000          | 32a             | 77,000           |   |               |              |                 |               |               |                        |      | 77,000        | Environ. Fund    |
| 427             |                  | 4                | Marine & Environmental   | +Art. 4 - Holmes Dam Sediment Contingency             | \$75,000          | 32b             | 75,000           |   |               |              |                 |               |               |                        |      | 75,000        | Environ. Fund    |
| 492             |                  | 11               | DPW Grounds & Recreation Parks - Billington Street Covered Bridge Plan Design    |   | \$40,000          | 33              |                  |   |               |              |                 |               |               |                        |      |               |                  |
| 411             |                  | 7                | DPW Operation-Engineering  | Wicking Well Manomet Ave.                             | \$180,000         | 34              |                  |   |               |              |                 |               |               |                        |      |               |                  |
| 411             |                  | 3                | DPW Operation-Engineering  | Market Street Bridge Repair and Rail Painting         | \$200,000         | 35              | 200,000          |   |               |              |                 |               |               |                        |      | 200,000       |                  |
| <b>422</b>      |                  |                  | <b>DPW Operation-Maintain *Art. 4 - Asbestos Management Plan</b>                 |   |                   | <b>\$80,000</b> | <b>35a</b>       | <b>80,000</b>                                     | <b>80,000</b> |              |                 |               |               |                        |      |               |                  |
| 220             |                  | 5                | Fire Department  | Purchase and Equip New Pumping Engine                 | \$675,000         | 36              |                  |   |               |              |                 |               |               |                        |      |               |                  |
| 220             |                  | 2                | Fire Department  | +Art. 4 - Purchase and Equip New Pumping Engine       | \$675,000         | 36              | 675,000          |   |               |              |                 |               |               |                        |      | 675,000       |                  |
| 411             |                  | 6                | DPW Operation-Engineering  | Bartlett Rd. Bridge Design                            | \$200,000         | 37              |                  |   |               |              |                 |               |               |                        |      |               |                  |
| 427             |                  | 2                | Marine & Environmental   | +Art. 4 - Jenney Pond Dredging Engineering/Permitting | \$101,000         | 37a             | 101,000          |   |               |              |                 |               |               |                        |      | 101,000       | Environ. Fund    |
| 411             |                  | 10               | DPW Operation-Engineering  | FFES Sidewalk Design and Construction (5 phases)      | \$3,000,000       | 38              |                  |   |               |              |                 |               |               |                        |      |               |                  |
| 492             |                  | 1                | DPW Grounds & Recreation Parks   | +Art. 4 - Manomet Recreation Area Irrigation          | \$66,838          | 38a             | 66,838           |   | 66,838        |              |                 |               |               |                        |      |               |                  |
| 492             |                  | 7                | DPW Grounds & Recreation Parks   | - Manomet Recreation Area Parking Lot                 | \$90,000          | 39              |                  |   |               |              |                 |               |               |                        |      |               |                  |

**TOWN OF PLYMOUTH - FY20 CAPITAL IMPROVEMENT PLAN REQUESTS PRIORITIZED BY CAPITAL IMPROVEMENTS COMMITTEE ON JAN. 11, 2 019, WITH FATM ARTICLES VOTED ON SEPT. 9, 2019, and  
ATM ARTICLES VOTED ON MAR. 9 2020**

| DEPT<br>ACCOUNT                    | DEPT<br>PRIORITY      | DIV.<br>PRIORITY | DEPARTMENT<br>OR SPONSOR   | PROJECT DESCRIPTION                          | COMPONENT<br>COST | PROJECT<br>COST        | R<br>A<br>N<br>K | TOWN MANAGER<br>RECOMMENDED |                  |                  |                 |               |               | SOLID<br>WASTE<br>FUND | DEBT              | OTHER<br>FUND    |                           |
|------------------------------------|-----------------------|------------------|--|--|-------------------|------------------------|------------------|-----------------------------|------------------|------------------|-----------------|---------------|---------------|------------------------|-------------------|------------------|---------------------------|
|                                    |                       |                  |  |  |                   |                        |                  | PROJECT<br>FUNDING          | TAX<br>LEVY      | FREE<br>CASH     | AIRPORT<br>FUND | SEWER<br>FUND | WATER<br>FUND |                        |                   |                  |                           |
| 220                                | 4                     |                  | Fire Department  | Purchase and Equip New Tow Vehicle           |                   | \$36,000               | 40               |                             |                  |                  |                 |               |               |                        |                   |                  |                           |
| 220                                | 3                     |                  | Fire Department  | +Art. 4 - Purchase and Equip New Tow Vehicle |                   | \$40,095               | 40               | 40,095                      |                  |                  |                 |               |               |                        |                   | 40,095           | Fire Safety Fund          |
| 210                                | 2                     |                  | Police Department  | Remote Camera Trailer                        |                   | \$80,000               | 41               |                             |                  |                  |                 |               |               |                        |                   |                  |                           |
| 422                                | 2                     |                  | DPW Operations-Maintenar New HQ Fire Station-OPM/Designer through Schematic Design       |  |                   | \$1,176,782            | 42               |                             |                  |                  |                 |               |               |                        |                   |                  |                           |
| <b>422</b>                         |                       |                  | <b>DPW Operations-Mainte *Art. 7 - Renovations to Fire HQ Station</b>                    |  |                   | <b>\$15,000,000</b>    | <b>42a</b>       |                             |                  |                  |                 |               |               |                        |                   |                  |                           |
| <b>422</b>                         |                       |                  | <b>DPW Operations-Mainte *Art. 8 - Construction of New Fire HQ Station</b>               |  |                   | <b>\$30,000,000</b>    | <b>42b</b>       | <b>30,000,000</b>           |                  |                  |                 |               |               |                        | <b>30,000,000</b> |                  | <b>Debt<br/>Exclusion</b> |
| 422                                | 3                     |                  | DPW Operations-Maintenar New Public Works Facility-OPM/Designer through Schematic Design |  |                   | \$2,170,000            | 43               |                             |                  |                  |                 |               |               |                        |                   |                  |                           |
| 491                                | 4                     |                  | DPW Grounds & Recreatio Cemetery - Cedarville Fence                                      |  |                   | \$22,000               | 44               |                             |                  |                  |                 |               |               |                        |                   |                  |                           |
| 300                                | 3.02                  |                  | School Department  | Indian Brook Roof Replacement                |                   | \$1,454,472            | 45               |                             |                  |                  |                 |               |               |                        |                   |                  |                           |
| 300                                | 3.01                  |                  | School Department  | West Roof Replacement                        |                   | \$1,312,004            | 46               |                             |                  |                  |                 |               |               |                        |                   |                  |                           |
| 427                                | 5                     |                  | Marine & Environmental   | +Art. 4 - Savery Pond Watershed Study        |                   | \$38,977               | 47               | 38,977                      |                  |                  |                 |               |               |                        |                   | 28,977           | Environ. Fund             |
| 123                                | 1                     |                  | Town Manager   | +Art. 4 - Burial Hill Retaining Wall         |                   | \$350,000              | 48               |                             |                  |                  |                 |               |               |                        |                   | 10,000           | Pond Assn.                |
| <b>TOTAL GENERAL FUND PROJECTS</b> |                       |                  |  |  |                   | <b>\$86,948,849.50</b> |                  | <b>52,889,074</b>           | <b>1,000,000</b> | <b>3,549,913</b> | <b>-</b>        | <b>-</b>      | <b>-</b>      | <b>-</b>               | <b>42,432,356</b> | <b>6,291,805</b> |                           |
| 60-440                             | 1                     |                  | DPW Utilities (Sewer)  | Collection System Rehabilitation             |                   | 1,000,000              | 1                | 1,000,000                   |                  |                  |                 |               |               |                        |                   | 1,000,000        |                           |
| 1                                  | DPW Utilities (Sewer) |                  | +Art. 4 - WWTP GWDP Modification   |  |                   | 130,000                | 1a               | 130,000                     |                  |                  |                 |               |               |                        | 130,000           |                  |                           |
| 2                                  | DPW Utilities (Sewer) |                  | Replace 2003 Service Truck   |  |                   | 68,777                 | 2                | 68,777                      |                  |                  |                 |               |               |                        | 68,777            |                  |                           |
| 3                                  | DPW Utilities (Sewer) |                  | Replace 1997 Dump Truck S58  |  |                   | 254,463                | 3                | 254,463                     |                  |                  |                 |               |               |                        | 254,463           |                  |                           |
| 4                                  | DPW Utilities (Sewer) |                  | Purchase New Pickup Truck S51  |  |                   | 31,556                 | 4                | 31,556                      |                  |                  |                 |               |               |                        | 31,556            |                  |                           |
| 5                                  | DPW Utilities (Sewer) |                  | Cordage Gravity Sewer Interceptor Relocation   |  |                   | 1,300,000              | 5                | 1,300,000                   |                  |                  |                 |               |               |                        | 1,300,000         |                  |                           |
| 6                                  | DPW Utilities (Sewer) |                  | Nitrogen Optimization Instrumentation  |  |                   | 125,000                | 6                |                             |                  |                  |                 |               |               |                        |                   |                  |                           |
| 7                                  | DPW Utilities (Sewer) |                  | WWTP Groundwater Hydrology Study   |  |                   | 145,000                | 7                |                             |                  |                  |                 |               |               |                        |                   |                  |                           |
| 8                                  | DPW Utilities (Sewer) |                  | Sewer & Drain Line Video Inspection  |  |                   | 308,500                | 8                |                             |                  |                  |                 |               |               |                        |                   |                  |                           |
|                                    |                       |                  | <b>TOTAL FOR SEWER</b>   |  |                   | <b>3,363,296</b>       |                  | <b>2,784,796</b>            |                  |                  |                 |               |               |                        | <b>484,796</b>    |                  | <b>2,300,000</b>          |
| 61-450                             | 1                     |                  | DPW Utilities (Water)  | Replace 2001 6-Wheel Dump Truck              |                   | 254,500                | 1                | 254,500                     |                  |                  |                 |               |               |                        | 254,500           |                  |                           |
| 2                                  | DPW Utilities (Water) |                  | Stafford Water Storage Tank Restoration  |  |                   | 1,750,000              | 2                | 1,750,000                   |                  |                  |                 |               |               |                        | 1,750,000         |                  |                           |
| 3                                  | DPW Utilities (Water) |                  | Water Infrastructure   |  |                   | 500,000                | 3                | 500,000                     |                  |                  |                 |               |               |                        | 500,000           |                  |                           |
| 4                                  | DPW Utilities (Water) |                  | Water Insertion Valves in Downtown Area  |  |                   | 750,000                | 4                | 750,000                     |                  |                  |                 |               |               |                        | 750,000           |                  |                           |
| 5                                  | DPW Utilities (Water) |                  | Replace 2005 W441 Pickup Truck   |  |                   | 31,556                 | 5                | 31,556                      |                  |                  |                 |               |               |                        | 31,556            |                  |                           |
| 6                                  | DPW Utilities (Water) |                  | New Pickup Truck   |  |                   | 31,556                 | 6                | 31,556                      |                  |                  |                 |               |               |                        | 31,556            |                  |                           |
| 7                                  | DPW Utilities (Water) |                  | Trailer Mount Air Compressor   |  |                   | 25,500                 | 7                | 25,500                      |                  |                  |                 |               |               |                        | 25,500            |                  |                           |
|                                    |                       |                  | <b>TOTAL FOR WATER</b>   |  |                   | <b>3,343,112</b>       |                  | <b>3,343,112</b>            |                  |                  |                 |               |               |                        | <b>1,593,112</b>  |                  | <b>1,750,000</b>          |

| DEPT<br>ACCOUNT | DEPT<br>PRIORITY | DIV.<br>PRIORITY            | DEPARTMENT<br>OR SPONSOR                         | PROJECT DESCRIPTION              | COMPONENT<br>COST | PROJECT<br>COST | R<br>A<br>N<br>K | TOWN MANAGER<br>RECOMMENDED<br>PROJECT<br>FUNDING | TAX<br>LEVY | FREE<br>CASH | AIRPORT<br>FUND | SEWER<br>FUND | WATER<br>FUND | SOLID<br>WASTE<br>FUND | DEBT      | OTHER<br>FUND |       |
|-----------------|------------------|-----------------------------|--|----------------------------------|-------------------|-----------------|------------------|---|-------------|--------------|-----------------|---------------|---------------|------------------------|-----------|---------------|-------|
| 65-482          | 1                | Airport                     | Admin. Building Demolition and Beacon Relocation |                                  | 234,000           | 1               | 234,000          |   |             |              | 12,000          |               |               |                        |           | 222,000       | Grant |
|                 | 2                | Airport                     | Relocate Taxiway Sierra                          |                                  | 2,400,000         | 2               | 2,400,000        |   |             |              | 60,000          |               |               |                        |           | 2,340,000     | Grant |
|                 | 1                | Airport                     | +Art. 4 - Relocate Taxiway Sierra                |                                  | 75,000            | 2a              | 75,000           |   |             |              | 22,252          |               |               |                        |           | 52,748        | Grant |
|                 |                  |                             |  | TOTAL FOR AIRPORT                | 2,709,000         |                 | 2,709,000        |   |             |              | 94,252          |               |               |                        |           | 2,614,748     |       |
| 66-433          | 1                | DPW Utilities (Solid Waste) | Manomet Transfer Station Maintenance             |                                  | 200,000           | 1               | 200,000          |   |             |              |                 |               |               |                        | 200,000   |               |       |
|                 | 2                | DPW Utilities (Solid Waste) | Replace 2005 Truck 820                           |                                  | 30,412            | 2               | 30,412           |   |             |              |                 |               |               |                        | 30,412    |               |       |
|                 |                  |                             |  | TOTAL FOR SOLID WASTE            | 230,412           |                 | 230,412          |   |             |              |                 |               |               |                        | 230,412   |               |       |
|                 |                  |                             |  | TOTAL FOR ENTERPRISE FUNDS       | 9,645,820         |                 | 9,067,320        |   | -           | -            | 94,252          | 484,796       | 1,593,112     | 230,412                | 4,050,000 | 2,614,748     |       |
|                 |                  |                             |  | TOTAL PROJECTS FOR FY20          | 96,594,670        |                 | 61,956,394       | 1,000,000   | 3,549,913   | 94,252       | 484,796         | 1,593,112     | 230,412       | 46,482,356             | 8,906,553 |               |       |
| 185             | 1                | Community Preservation      | +Art. 9D - Oak St. School Affordable Housing     |                                  | 475,000           | 1               |                  |   |             |              |                 |               |               |                        |           |               |       |
|                 | 2                | Community Preservation      | +Art. 9E - Purchase Land on Roxy Cahoon Rd.      |                                  | 850,000           | 3               |                  |   |             |              |                 |               |               |                        |           |               |       |
|                 | 3                | Community Preservation      | +Art. 9F - Restoration of Town Bell              |                                  | 35,000            | 2               |                  |   |             |              |                 |               |               |                        |           |               |       |
|                 | 1                | Community Preservation      | Art. 9A - Jenney Pond Park                       |                                  | 751,500           | 1               | 751,500          |   |             |              |                 |               |               |                        | 751,500   | CPC Funds     |       |
|                 | 2                | Community Preservation      | Art. 9B - Purchase Property off Mayflower St.    |                                  | 130,000           | 2               | 130,000          |   |             |              |                 |               |               |                        | 130,000   | CPC Funds     |       |
|                 | 3                | Community Preservation      | Art. 9C - Restore Historical Maps                |                                  | 22,500            | 3               | 22,500           |   |             |              |                 |               |               |                        | 22,500    | CPC Funds     |       |
|                 | 4                | Community Preservation      | Art. 9D - Purchase Property off Morgan Rd.       |                                  | 80,000            | 4               | 80,000           |   |             |              |                 |               |               |                        | 80,000    | CPC Funds     |       |
|                 |                  |                             |  | TOTAL FOR COMMUNITY PRESERVATION | 2,344,000         |                 |                  |   |             |              |                 |               |               |                        |           |               |       |

+FATM Articles - Prioritized by CIC September 9, 2019

\*ATM Articles - Prioritized by CIC March 9, 2020

ARTICLE  
SUPPORTING  
DOCUMENTATION

## **ARTICLE 1:**

**ARTICLE 1:** To see if the Town will vote to amend the Classification and Compensation Plans and the Personnel By-Law and Collective Bargaining Agreements contained therein, or take any other action relative thereto.

**SELECT BOARD**

**NO MOTION NO ACTION**

## **ARTICLE 2A:**

**ARTICLE 2A:** To see if the Town will vote to amend the vote taken under Article 7A of the 2020 Annual Town Meeting warrant, and, as necessary, to raise, appropriate, transfer or borrow funds for the purpose of supplementing departmental expenses, and/or to reduce certain departmental expenses or otherwise amend said vote, or take any other action relative thereto.

**SELECT BOARD**

### **RECOMMENDATION: Approval \$15,000 Unanimous (11-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 2A. Approval of this article will increase the Fire Departments Communications Services line item for the current year (FY21) by \$15,000 to cover the \$3,000 a month rental cost for the temporary trailer mounted communications tower. The old communications tower was considered a safety concern due to its very poor conditions and as such was dismantled prior to the hurricane season. This temporary tower is necessary to provide adequate communications services coverage to both the Fire and Police Departments throughout Town until a new permanent tower can be erected.

# MEMO

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Date: September 9, 2020

To: Advisory and Finance Committee

Cc: Lynne Barrett, Finance Director  
Melissa Arrighi, Town Manager  
Marlene McCollem, Asst. Town Manager  
Jeanette White, Advisory and Finance

From: Chief Bradley, Chief of Department

*SCB*

**Re: Fall Annual Town Meeting  
Fire Department Budget Amendment  
Org. 00102206  
Obj. 530303  
Communication Services**

## Fire Department Request for Article 2A- Budget Amendment

The Fire Department is requesting a budget amendment at Fall Annual Town Meeting, we request the Communications Services line item be increased by \$15,000.00 for the current Fiscal Year, 2021.

The Finance Committee has previously approved two reserve fund transfers to fund the delivery and installation of the temporary communications tower and a second transfer for six months lease of the temporary tower (\$18,000.00).

It has been our hopes that Town Meeting would approve the funding for the permanent communications tower negating the need for the two transfers and the budget amendment.

Prior to COVID the permanent communications tower was an article in the Spring Special Town Meeting. The Town's insurance carrier, MIIA, had negotiated a settlement with the Town Manager for the damage to the original communications tower that sat on the roof of Fire Headquarters, that settlement will cover approximately half the cost of a new tower. If the article was approved at April's Special Town meeting, the funds would have been available ten days after Town Meeting concluded, construction could have been started with completion in approximately 5 months. Due to the condition of the original tower and the roof at Fire Headquarters we were striving to have a new tower in-service and the old tower disassembled and removed from Fire Headquarters prior to the height of hurricane season and the winter storm season, the Insurance Carrier, MIIA was also worried about damage to nearby structures if the tower failed.

Due to COVID that Town Meeting was postponed until August necessitating the need to lease a temporary trailer mounted communication tower. Town Meeting did not approve the new communications tower necessitating the need to continue the monthly \$3,000.00 lease on the temporary tower.



2703 Dawson Road • Tulsa, OK 74110-5033  
Toll Free: (800) 850-8535 • Tel: (918) 749-8535 • Fax: (918) 749-8537  
Email: [programs@itstowers.com](mailto:programs@itstowers.com) • [www.itstowers.com](http://www.itstowers.com)  
An ISO 9001:2015 Registered Company

Via Email : [ebradley@townhall.plymouth.ma.us](mailto:ebradley@townhall.plymouth.ma.us)

## RENTAL INVOICE

No.: PLY-MA72020

**Date:** July 20, 2020

**To:** Town of Plymouth, MA  
26 Court Street  
Plymouth, MA 02360  
Attn: Scott Meder  
Tel: (832) 341-1671

**Remit Payment To:** Integrated Tower Systems  
2703 Dawson Road  
Tulsa, OK 74110-5033  
Attn: Ms. Judy Savill  
Tel: (918) 749-8535  
Email: [jsavill@itstowers.com](mailto:jsavill@itstowers.com)

**Delivery:** Plymouth, MA Fire Headquarters Station, 114 Sandwich Street, Plymouth, MA 02360

### Rental Period – August 9, 2020 – September 8, 2020

| <u>Item</u> | <u>ITS Equipment Description / Identification</u> | <u>Amount Due</u> |
|-------------|---|-------------------|
| 001         | ITS Tower Trailer Model SR 106 – VIN# 4083        | \$ 3,000.00       |

**TOTAL AMOUNT NOW DUE** **\$ 3,000.00**

**Payment Terms:** Due August 7, 2020

**ARTICLE 2B:**

**ARTICLE 2B:** To see if the Town will vote to amend the votes taken under Article 7B, 7C, 7D and 7E of the 2020 Annual Town Meeting warrant, and, as necessary, to raise, appropriate, transfer or borrow funds for the purpose of supplementing enterprise departmental expenses, and/or to reduce certain departmental expenses or otherwise amend said vote, or take any other action relative thereto.

**SELECT BOARD**

**NO MOTION NO ACTION**

**ARTICLE 3:**

**ARTICLE 3:** To see if the Town will vote to establish a Special Purpose Stabilization Fund for Facility Maintenance, as authorized by the provisions of G.L. c.40, §5B, for capital maintenance of Town-owned buildings, which fund shall be under the care and custody of the Town Treasurer, and further, to raise and appropriate, transfer from available funds or borrow for the purpose of funding said Stabilization Fund for Facility Maintenance, or take any other action relative thereto.  
**SELECT BOARD**

**NO MOTION NO ACTION**

**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, including authorizing lease/purchase agreements for terms of up to or in excess of three years, substantially as follows:

| <b>ITEM</b> | <b>DEPARTMENT</b>      | <b>PROJECT DESCRIPTION</b>                         |
|-------------|------------------------|--|
| A           | Fire Department        | Communications Tower                               |
| B           | Fire Department        | Vehicle Lift System                                |
| C           | Marine & Environmental | Herring Ponds Watershed Study                      |
| D           | Marine & Environmental | Engineering & Design for Dam Bypass at Jenney Pond |
| E           | Water Department       | Manomet Zone Pipe Upgrades                         |
| F           | Airport                | Taxiway Echo Extension                             |
| G           | Airport                | Purchase NW-26 SRE building                        |

or take any other action relative thereto.

SELECT BOARD

**RECOMMENDATION: Approval \$8,511,024 Unanimous (11-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve the Article 4 appropriations listed below:

| <b>ITEM</b>                      | <b>PROJECT DESCRIPTION</b>                         | <b>APPROPRIATION</b> |
|----------------------------------|--|----------------------|
| A                                | Communications Tower                               | \$500,000            |
| B                                | Vehicle Lift System                                | \$55,000             |
| C                                | Herring Ponds Watershed Study                      | \$81,024             |
| D                                | Engineering & Design for Dam Bypass at Jenney Pond | \$75,000             |
| E                                | Manomet Zone Pipe Upgrades                         | \$5,100,000          |
| F                                | Taxiway Echo Extension                             | \$2,500,000          |
| G                                | Purchase NW-26 SRE building                        | \$200,000            |
| <b>Total for Article 4 Items</b> |  | <b>\$8,511,024</b>   |

# MEMO

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Date: February 26, 2020

To: Capital Improvement Committee

cc: Pam Hagler, Procurement Officer  
Lynne Barrett, Finance Director  
Jeanette White FINCOM,  
Melissa Arrighi, Town Manager  
Marlene McCollem, Asst. Town Manager

From: Edward Bradley, Chief of Department *GEB*

**Re: Special Annual Town Meeting  
Fire Department Capital Request**

## Fire Department Special ATM (Article 4)

This request is to address the issues facing the Fire Headquarters communications tower. This tower is critical to Fire Department, Police and EMS communications and operations. The existing tower was damaged in a windstorm in the spring of 2018 which caused torsional damage to the structure. This damage has weakened the antenna to an extent that continued exposure to wind related storms could cause a collapse. In addition, because of its geographic location, the base of the tower, which was installed on the roof, has corrosion issues due to the salt air. Currently, the collapse zone encompasses residential homes adjacent to the station. An engineer's report from the town's insurer and FEMA have condemned the tower based upon inspection and its 40 years since construction.

A new location at Headquarters would not be feasible for four reasons: 1 – current land at Headquarters does not provide for an adequate collapse zone, 2- installing it on the ground is problematic as the contaminated soil may cause a release during excavation, 3- installing on the roof compromises the roof structure, the Engineer from the Town's insurance company has determined the roof cannot provide adequate support, 4- proximity to the ocean will subject it to salt air induced corrosion.

Time is critical due to its damage and must be taken down, however, before demolition land for a new tower must be located, the tower constructed, and communications systems installed and operational.

Approximate cost for the new tower is \$500,000. Partial funding from the town's insured settlement of \$240,160 can be used towards this project.

The Fire Department is using an expert in the field to help us determine a suitable site that has the following criteria: Town Owned, is close to or has fiber on site (for cost reduction reasons), that has a higher elevation, is subjected to less salt air exposure, and has an adequate collapse zone.

# MEMO

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Date: September 9, 2020

To: Capital Improvement Committee

cc: Pam Hagler, Procurement Officer  
Lynne Barrett, Finance Director  
Jeanette White, Advisory and Finance Committee  
Melissa Arrighi, Town Manager  
Marlene McCollem, Asst. Town Manager

From: Edward Bradley, Chief of Department *GEB*

**Re: Fall Annual Town Meeting  
Fire Department Capital Request**

**Fire Department FATM Capital Request -\$55,000.00**

September 8, 2020 the Fire Department had a failure of the hydraulic system for the in-ground apparatus vehicle lift system. The Fire Department Apparatus Repair Division is housed within the West Plymouth Fire Station. The lift was installed during construction of the facility in 1974, it has been maintained and inspected regularly over the years.

On September 8 the mechanics noticed the system had lost hydraulic oil, a vehicle was up on the lift at the time. No leaks were visible, safety stands were placed under the apparatus so that work could be completed. Upon lowering the lift, the mechanics noticed that hydraulic oil was seeping from the concrete floor around the penetration for the oil supply pipe. Once the apparatus was safely removed from the building the mechanics found the oil tank very low, an estimated 65 gallons had been released underground. Proper notifications were made including to DEP (Department of Environmental Protection) and the Towns contracted LSP (Licensed Site Professional) as well as Town Administration. A vendor inspected the lift September 9 along with the LSP and a representative from DEP. A plan will be created for the clean-up of the underground oil and a determination will be made on the future of the in-ground lift system.

The immediate need is for a short term and long term plan for the continued maintenance and repair of the fire apparatus, we cannot be without a lift system for months (or longer) while the final determination for the cleanup is agreed to and future of the in-ground system is determined. We have been in contact with vendors that can supply us with equipment that can safely lift our apparatus for service, maintenance and repair, the Capital Request for FATM is to purchase a portable above ground lift system, heavy vehicle support stands, heavy truck air jack stands and truck ramps to enable the mechanics to continue to maintain the fleet.

The request for capital request for equipment is \$55,000.00

**TOWN OF PLYMOUTH CAPITAL IMPROVEMENT PLAN REQUEST FORM**  
**FY21 FALL ANNUAL TOWN MEETING REQUEST FORM**

|   |                            |                    |
|---|----------------------------|--------------------|
| <b>Department:</b> Marine and Environmental Affairs                 |                            |                    |
| <b>Project Title and Description:</b> Herring Ponds Watershed Study | <b>Total Project Cost:</b> | <b>\$81,023.50</b> |

**Department/Division Head:** **David Gould**

**Cost estimate was developed:** Internally  Externally

| <b>Basis of Estimated Costs (attach additional information if available)</b> |                    |                 | <b>If project has impact on 5 Year Plan and future operating budgets, insert estimated amounts.</b> |                |                  |
|--|--------------------|-----------------|---|----------------|------------------|
| <b>Capital:</b>  | <b>Cost</b>        | <b>Comments</b> | <b>Fiscal Year:</b>   | <b>Capital</b> | <b>O &amp; M</b> |
| <i>Planning and Design</i>   | \$71,023.50        |                 | <i>FY21</i>   |                |                  |
| <i>Labor and Materials</i>   |                    |                 | <i>FY22</i>   |                |                  |
| <i>Administration</i>  |                    |                 | <i>FY23</i>   |                |                  |
| <i>Land Acquisition</i>  |                    |                 | <i>FY24</i>   |                |                  |
| <i>Equipment</i>   |                    |                 | <i>FY25</i>   |                |                  |
| <i>Other</i>   |                    |                 |   |                |                  |
| <i>Contingency</i>   |                    |                 |   |                |                  |
| <b>Total Capital</b>   | <b>\$81,023.50</b> |                 |   |                |                  |

**Possible sources and amounts of funding, if known:** \$71,023.50 from Environmental Affairs Fund and \$10,000 from Herring Ponds Watershed Association

**Project Justification and Objective:** The Herring Pond Watershed is one of the largest watersheds in the Town of Plymouth encompassing Little Herring Pond, Great Herring Pond and Carter's River. The area is within a state listed ACEC (Area of Critical Environmental Concern) and has seen significant growth and development. During the summer of 2020 GHP experienced the first known cyanobacteria bloom impacting residents and businesses like Camp Bourneade.

**Justification for Request at Fall Annual Town Meeting:** Funding now affords the opportunity to begin the study now and also begin to collect fall, winter and spring water samples. Waiting until the spring precludes this project from being started and collecting seasonal water quality samples.

**For Capital Project Requests:**

Will this project be phased over more than one fiscal year? If yes, enter it on the next 5 Year Plan Yes  No   
 Can this project be phased over more than one fiscal year? Yes  No

**For Capital Equipment Requests:**

Check if equipment requested is replacement and enter the year, make & model, VIN and present condition of existing equipment



School for  
Marine Science  
and Technology

706 South Rodney French Blvd.  
New Bedford  
Massachusetts 02744-1221

Tel 508.999.8193  
Fax 508.999.8197



University of  
Massachusetts  
Dartmouth

## Scope of Work for Technical Services

### Support of the Town of Plymouth Pond and Lake Stewardship

**Project: Great Herring Pond and Little Herring Pond  
Water Quality Management Plans**

**Submitted by:**

**Brian L. Howes, Ph.D.  
Ed Eichner, MS, MPA**

**Coastal Systems Program  
School for Marine Science and Technology  
University of Massachusetts Dartmouth**

**Overview:** This Scope of Work is proposed to the Town of Plymouth for technical support and new data collection related to development of a water quality management plans for Great Herring Pond, Little Herring Pond, and Savery Pond. Specifically, this Scope relates to follow-up on the Coastal Systems Program at the School for Marine Science and Technology, University of Massachusetts Dartmouth (CSP/SMAST) findings and associated recommendations during the preparation of the Plymouth Pond and Lake Atlas and the initial year of the Plymouth Pond and Lake Stewardship (PPALS) water quality snapshot during the 2014 summer.<sup>1</sup>

During the preparation of the Plymouth Pond and Lake Atlas, CSP/SMAST staff completed a brief overview of available past data collected by the Town and the Herring Ponds Watershed Association. This data included water quality samples at 19 in-pond sites and 16 stormwater sites, five years of streamflow readings at three locations, and data contained in various historic reports. Discussions with the Association and Town led to a preliminary strategy that would culminate with a pond management plan for the two ponds. The initial tasks to be completed for the management plan were: a) collect, review, and synthesize the available data within the two ponds, b) complete a watershed delineation and use existing land use and water information to develop initial water, nitrogen, and phosphorus budgets for each pond, c) complete stormwater runoff sampling of 7 key sites, and d) identify data gaps and recommendations for next steps. The Town

<sup>1</sup> Eichner, E.M., B.L. Howes, and S. Horvet. 2015. Town of Plymouth Pond and Lake Atlas. Town of Plymouth, Massachusetts. Coastal Systems Program, School for Marine Science and Technology, University of Massachusetts Dartmouth. New Bedford, MA. 138 pp.

funded the completion of the runoff sampling in 2015<sup>2</sup> and recently identified the Massachusetts Environmental Trust (MET) grant program as an opportunity to complete the remaining tasks and expand the effort to address known data gaps (e.g., sediment core collection and incubation, aquatic plant coverage) and develop a combined Great Herring Pond and Little Herring Pond Management Plan.

## PROJECT TASKS

In cooperation with the Town of Plymouth, the Herring Ponds Watershed Association (HPWA), and other stakeholders around the ponds, Coastal Systems Program in the School for Marine Science and Technology, University of Massachusetts Dartmouth (CSP/SMAST) staff has been asked to develop water quality management plans for two pond systems Great Herring Pond and Little Herring Pond. Development of the plans will include 1) gathering, organizing, and reviewing available historic data, 2) collection and incubation of sediment cores to quantify nutrient regeneration, 3) updating bathymetric maps with surveys of rooted plants, phytoplankton, and freshwater mussels, and 4) synthesis of all available data to review causes of impairments and assess management options to restore water quality. Final versions of the management plans will be developed through a series of public meetings and regular engagement of all stakeholders.

The overall project (Great Herring Pond/Little Herring Pond Water Quality Management Plans) will be under the direction of Dr. Brian L. Howes, Manager of the Coastal Systems Program at SMAST-UMD. Day-to-day direction of tasks will be conducted by Ed Eichner. The University will serve as the prime contractor for this effort, although technical specialists with proven capabilities and experience within the region will be integrated into the project as required. CSP/SMAST staff will coordinate all tasks with the Town of Plymouth. Any amendments to the contract associated with this scope can be put in place by the designated Town of Plymouth Point of Contact, via an email to the UMD Office of Grants Administration (Michelle Plaud, [mplaud@umassd.edu](mailto:mplaud@umassd.edu)).

The project tasks are:

### **GREAT HERRING AND LITTLE HERRING PONDS**

#### **Task 1: Historic Data Review and Synthesis and preparation of QAPP for additional future sampling**

CSP/SMAST staff with the assistance of Town of Plymouth staff will gather, review, and synthesize available historic data for Great Herring Pond and Little Herring Pond and then prepare a Quality Assurance Project Plan (QAPP) for additional sampling to be completed in subsequent tasks. The QAPP will be submitted for MassDEP/EPA approval. Data review will include evaluation and comparison of data collection techniques and laboratory methods, as appropriate. CSP/SMAST staff will meet with HPWA and FOEM members to collect available data and review planned project activities.

**Task 1 TOTAL Cost: \$6,683.50**

<sup>2</sup> CSP/SMAST Technical Memorandum. February 24, 2016. Great Herring Pond Stormwater Monitoring Project results. To: Kim Tower, Environmental Technician, Town of Plymouth.

**Deliverable: Spreadsheet with collected data (provided with respective management plans; synthesis/analysis also described in plans)**

## **Task 2: Great Herring Pond and Little Herring Pond Management Plan**

Development of a combined management plan for the hydrologically linked Great Herring Pond and Little Pond system will include gathering of historical data, collection of targeted data to address identified data gaps, integration and synthesis of new data with historic data, and use of the subsequent characterization of the pond ecosystems to develop management options and a recommended plan to restore water quality in the ponds. The subtasks to complete the development of the management plan are described below.

### **Subtask 2a: Pond sediment assessment**

CSP/SMAST staff will collect and process a minimum of 15 cores combined in the two ponds. These locations will be based on underwater review of sediment characteristics and will likely be focused in the deepest portions of each pond and the inlet/outlets. GPS coordinates and depth will be collected for each location. Cores will be collected in April/May and preserved and incubated to evaluate phosphorus and nitrogen regeneration under a variety of oxidizing and reducing conditions according to procedures approved by the MassDEP. Accompanying water quality samples will be collected in three (3) runs, one each before, during and after the sediment core collection. These sampling runs will include collection of samples throughout the water column, dissolved oxygen and temperature profiles with readings collected every meter in Great Herring Pond and every 0.5 meters in Little Herring Pond, and Secchi clarity readings. Samples will be analyzed for standard freshwater pond constituents, including total phosphorus and total nitrogen, plus ortho-phosphorus and nitrogen component species (NH<sub>4</sub>, NO<sub>3</sub>+NO<sub>2</sub>, TDN, and PON). Data will be retrieved by CSP/SMAST staff in accordance with accepted quality control and quality assurance procedures. Volunteer boats for sampling and core collection and local incubation locations will be secured through coordination with the Town and HPWA members.

**Subtask 2a Cost: \$24,223**

**Deliverable: Nutrients released from sediments + water quality results (all described in Management Plan)**

### **Subtask 2b: Aquatic Plant, Mussel, Bathymetric and Phytoplankton Surveys & WQ sampling**

Working with the Town and HPWA members, CSP/SMAST staff will collect samples at 1 m increments throughout the water column over the deepest point monthly between May and October. At the same time, temperature and dissolved oxygen profiles and Secchi/clarity measurements will be collected at each location. Vertical phytoplankton tows will also be collected between June and September with samples quantitatively analyzed for species count and biovolume. Water quality samples will be analyzed at the CSP/SMAST Analytical Facility for the following constituents: total phosphorus, total nitrogen, chlorophyll a, pheophytin a, pH, alkalinity, ortho-phosphate, and component nitrogen species.

CSP/SMART staff will also deploy an autonomous underwater vehicle (AUV) or equivalent to develop density maps of freshwater mussels and submerged aquatic rooted plants and bathymetric maps within each pond. The AUV is GPS-enabled device that can follow a programmed path while collecting underwater video. Collected data will be assessed and analyzed by SMART staff to produce maps of the mussel distribution and aquatic rooted plant extent, as well as updating the 1970's-era bathymetric maps.

**Subtask 2b Cost: \$23,136**

***Deliverable: Bathymetry, aquatic plant, and freshwater coverage maps; Water quality data results (all detailed in Management Plan)***

**Subtask 2c: Great Herring Pond and Little Herring Pond System Management Plan**

CSP/SMART staff will develop a draft Management Plan for the Great Herring Pond and Little Herring Pond System. The draft will include watershed delineations for both Great Herring Pond and Little Herring Pond based on existing USGS groundwater modeling and use those delineations and the data collected through Task 1 and Subtasks 2a and 2b to develop a preliminary water budget, nitrogen budget, and phosphorus budget for each pond. Development of the nitrogen and phosphorus budgets will include review and synthesis of land uses (e.g., review of ~5,700 parcels) and estimation of nutrient sources within the watersheds using established techniques. These budgets will account for the balance between all nutrient and water inputs to the pond system and their outputs or removal from the pond system.

CSP/SMART staff will use the developed budgets to evaluate various management alternatives to address water quality impairments in Great Herring Pond and Little Herring Pond. Alternative management strategies to achieve for pond restoration will include both watershed and in-pond restoration approaches and estimated costs for the proposed strategies. The draft Management Plan will include a recommended set of strategies based on a review of the cost and efficacy of the alternatives.

Working with the Town and HPWA members, the draft Management Plan will be distributed and discussed among all stakeholders. The draft Plan will be publicly presented by CSP/SMART staff at a mutually-convenient meeting with the Town and HPWA members. The Town will post the draft Plan and a meeting notice on the Town's pond website. A final Plan, including finalization of a recommended set of strategies, will be developed by CSP/SMART working with the Town and the stakeholders. The final plan will be prepared after a one month comment period following the draft report presentation. The draft and final Plans will be submitted to the Town in electronic versions for appropriate distribution.

**Task 2c Cost: \$26,981**

***Deliverable: Great Herring Pond and Little Herring Pond System Management Plan***

**Great and Little Herring Pond**

**TOTAL Cost: \$81,023.50**

**Listed costs are based on combined mobilization for all Tasks; separation of tasks will require slightly higher costs to account for multiple mobilizations.**

### **Additional Management and Scientific Support**

If the Town of Plymouth requires additional management and scientific support as its pond and lake management efforts proceed, any amendments including additions to the present contract can be put in place by the City of New Bedford through an email from Kim Tower, Town Point Of Contact (Plymouth-POC) to the UMD Office of Grants Administration (Michelle Plaud, [mplaud@umassd.edu](mailto:mplaud@umassd.edu)). The email needs to specify the additional work to be performed and the additional funds to be allocated.

Costs for additional support efforts will be negotiated through the UMD P.I. (Dr. B. Howes). The specific effort and cost will be prepared in writing by UMD, forwarded to Plymouth-POC for the Town's written approval and to be sent email to the UMD grants office (Michelle Plaud) as an amendment to the contract associated with this scope.

All technical support will be provided on a not-to-exceed basis. Depending on the nature of the request, Coastal Systems Scientists will summarize additional work completed in the form of a Technical Memorandum or a Project Report.

**TOWN OF PLYMOUTH CAPITAL IMPROVEMENT PLAN REQUEST FORM**  
**FY21 FALL ANNUAL TOWN MEETING REQUEST FORM**

|  |                            |                 |
|--|----------------------------|-----------------|
| <b>Department:</b> Marine and Environmental Affairs  |                            |                 |
| <b>Project Title and Description:</b> Engineering and Permitting for Dam Bypass at Jenney Pond | <b>Total Project Cost:</b> | <b>\$75,000</b> |

**Department/Division Head:** **David Gould**

**Cost estimate was developed:** Internally  Externally

| <b>Basis of Estimated Costs (attach additional information if available)</b> |                 |                 | <b>If project has impact on 5 Year Plan and future operating budgets, insert estimated amounts.</b> |                |                  |
|--|-----------------|-----------------|---|----------------|------------------|
| <b>Capital:</b>  | <b>Cost</b>     | <b>Comments</b> | <b>Fiscal Year:</b>   | <b>Capital</b> | <b>O &amp; M</b> |
| <i>Planning and Design</i>   | \$75,000        |                 | <i>FY21</i>   |                |                  |
| <i>Labor and Materials</i>   |                 |                 | <i>FY22</i>   |                |                  |
| <i>Administration</i>  |                 |                 | <i>FY23</i>   |                |                  |
| <i>Land Acquisition</i>  |                 |                 | <i>FY24</i>   |                |                  |
| <i>Equipment</i>   |                 |                 | <i>FY25</i>   |                |                  |
| <i>Other</i>   |                 |                 |   |                |                  |
| <i>Contingency</i>   |                 |                 |   |                |                  |
| <b>Total Capital</b>   | <b>\$75,000</b> |                 |   |                |                  |

**Possible sources and amounts of funding, if known:** Environmental Affairs Fund - \$75,000

**Project Justification and Objective:** While the design of the necessary dam repairs to Jenney Pond Dam is complete increasing storm events and Dam Safety regulations require that the dam be able to pass greater storm flows than the current capacity of the spillway would allow without overtopping of Spring Lane. A bypass channel from the pond to downstream of the mill would allow for increased passage of storm flows and allow for improved passage of migratory fish achieving multiple goals and easing the permitting process.

**Justification for Request at Fall Annual Town Meeting:** The Environmental Affairs Funds become available on July 1 with the onset of the new FY and FATM is the first opportunity to request the use of the funds. This enables us to utilize fall, winter and spring to move forward with design and permitting on these projects.

**For Capital Project Requests:**

Will this project be phased over more than one fiscal year? If yes, enter it on the next 5 Year Plan Yes  No   
 Can this project be phased over more than one fiscal year? Yes  No

**For Capital Equipment Requests:**

Check if equipment requested is replacement and enter the year, make & model, VIN and present condition of existing equipment

**Attach additional information, estimates, or justification.**

Get Grant funds:

Dam and Seawall

AFSMC

Environmental Affairs Fund      \$85,000



**TOWN OF PLYMOUTH  
DEPARTMENT OF PUBLIC WORKS**

4E

159 Camelot Drive  
Plymouth, Massachusetts 02360

FAX: (508) 830-4165

# MEMO

Date: September 9, 2020

To: Select Board  
Advisory & Finance Committee

cc: Melissa Arrighi, Town Manager  
Marlene McCollem, Asst. Town Manager  
Sheila Sgarzi, Acting Town Engineer  
Peter Gordon, Water Supt.

From: Jonathan Beder, Director of Public Works

**Re: 2020 Fall Annual Town Meeting  
Article 4-Manomet Pipe Upgrades**

The Plymouth water system is divided into six pressure zones each connected to the others to allow for the distribution of water during peak demand or during a fire. However, the water system currently operates as two independent systems. To the north, we can move water between Bradford, Plymouth Center, West Plymouth, and Pine Hills. To the east, we move water between Cedarville and the Manomet pressure zones.

Current deficiencies include the following:

1. Customers experience low pressure
2. Customers experience high pressure
3. Fire flows are limited due to limited water main size

This project proposes to upgrade 20,100 feet of water mains throughout the Manomet Pressure Zone at an estimated cost of \$5.1M. The estimated cost per foot of \$255 for 12" pipe and \$230 for 8" pipe includes construction costs, full width pavement restoration, police details, engineering, and contingencies.

Completing this water main upgrade project will significantly improve water volumes and flows in the northern portion of the Manomet Pressure Zone. This work will also address 2019 ISO fire flow deficiencies and will add additional capacity to help with firm capacity, see attached technical memo from Environmental Partners dated September 9, 2020.

As you know Town Meeting in August did not support this request. However, this project is vital to address necessary water infrastructure upgrades to properly operate and deliver adequate system volumes. Pipes are undersized and these restrictions impact our ability to move water-this is a critical issue operationally. These issues necessitate Fall Town Meeting action.

September 9, 2020

Jonathan Beder, Director  
Department of Public Works  
159 Camelot Drive  
Plymouth, MA 02360

**RE: Manomet Pressure Zone Water Main Upgrades Design & Construction Cost Basis**

Dear Mr. Beder,

Environmental Partners Group, Inc. (Environmental Partners) has prepared this letter to document the basis for the Town's proposed water main upgrades to improve water system hydraulics in the Manomet Pressure Zone. The project will include upgrading approximately 20,100 feet of water mains throughout the Manomet Pressure Zone. This proposed work is critical to improving fire flow deficiencies, maintain adequate system pressures throughout the pressure zone, and improve the effectiveness of future water system improvements to increase system redundancy and resiliency.

## Background

The Plymouth Water Division (the Division) supplies approximately 69 percent of the Town of Plymouth's population with drinking water from thirteen (13) drinking water supply wells at a total of eleven (11) groundwater supply source locations. This includes the new water supply source at the Forges Field Site, which was recently placed in service.

Drinking water is distributed to the Division's approximately 14,300 water system customers through more than 230 miles of pipe, ten storage tanks, four booster pump stations (BPSs), and five pressure reducing valve (PRV) vaults (see enclosed Figure 1-1 for water system map).

The Division's water system is divided into six pressure zones each interconnected with at least one other pressure zone to allow for distribution of water during times of peak demand or during an emergency. The water system effectively operates as two independent systems. To the north, operators can typically move water between the Bradford, Plymouth Center, West Plymouth, and Pine Hills Pressure Zones (the Northern Pressure Zones). To the east, operators can move water between the Cedarville and Manomet Pressure Zones (the Eastern Pressure Zones).

Environmental Partners recently completed a Draft Water System Master Plan which included an update to the water system hydraulic model and an assessment of distribution system hydraulics. The Division's hydraulic model was updated to reflect the most current information available and used to evaluate the ability of the distribution system to provide adequate fire flow and service pressures to all areas of the distribution system. The hydraulic performance of the distribution system was assessed during average-day and maximum-day demand conditions utilizing present-day demand scenarios.

Under current operational controls several deficiencies within the Manomet Pressure Zone exist, including the following:

- A portion of Division customers in the Manomet Pressure Zone experience low pressures, which are mainly due to frictional losses and can be improved upon by upgrading water mains.
- A portion of Division customers in the Manomet Pressure Zone experience high pressures. The primary cause of high pressures in the Manomet Pressure Zone is an over-pressurization near the main water sources due to insufficient carrying capacity in the distribution system. More specifically, the high head losses between the southern sources and the South Pine Hills Tank force the pumps to produce extra pressure in order to fill the South Pine Hills Tank.
- Available fire flow is primarily restricted by limited capacity of water mains, which can be mitigated by upgrading water mains.

To alleviate these deficiencies, water main upgrades in the Manomet Pressure Zone are recommended as shown in Table 1 and Figure 9-3 attached.

**Table 1 – Manomet Pressure Zone Water Main Improvements**

| Location  | Length (ft) | Existing Size and Material | Proposed Size and Material |
|---|-------------|----------------------------|----------------------------|
| Bartlett Road from State Road to Ray Road             | 4,100       | 6" Cast Iron               | 12" Ductile Iron           |
| Brook Road (including a pipe conditions test)         | 4,450       | 6"/8" Cast Iron            | 8" Ductile Iron            |
| Manomet Point Road from State Road to Kevin Avenue    | 4,350       | 10" Cast Iron              | 12" Ductile Iron           |
| White Horse Road from Robbins Hill Road to State Road | 3,700       | 10" Cast Iron              | 12" Ductile Iron           |
| Priscilla Beach Road and Robbins Hill Road            | 1,700       | 6"/10" Cast Iron           | 12" Ductile Iron           |
| Rocky Hill Road at White Horse Road                   | 900         | 6" Cast Iron               | 8" Ductile Iron            |
| Manomet Elementary School Loop                        | 900         | 6"/8" Cast Iron            | 12" Ductile Iron           |

## Project Benefits

The proposed Manomet Pressure Zone Water Main Upgrades will provide several important benefits to the Town of Plymouth Water Division as described below.

### Reduction in High Pressure Surges

By completing the above water main upgrades in the northern portion of the Manomet Pressure Zone, the hydraulic connectivity between the controlling South Pine Hills Tank and the water sources can be improved significantly, which greatly reduces the extent of high pressure surges. Under average-day demand conditions, using the proposed controls strategy (outlined in the Draft Water System Master Plan), the water main upgrades proposed eliminate all pressures above 80 psi. During periods of maximum-day demand, the high pressures can be confined to a relatively small region between the Ship Pond Well and the Ellisville Well.

### Removes Hydraulic Constraints on Water Supplies

High head losses between the southern water supply sources and the South Pine Hills Tank force the pumps to produce extra pressure in order to fill the South Pine Hills Tank. By completing the water main improvements, the distribution headlosses in the Manomet Pressure Zone will decrease, reducing the output pressure required to fill the South Pine Hills Tank, and thus tapping into additional capacity at these sources. This will help add additional capacity to help the firm capacity deficient in the eastern zones.

### Alleviates Fire Flow Deficiencies

Completing the water main upgrades addresses the majority of the 2019 ISO fire flow deficiencies in the Manomet Pressure Zone.

### System Redundancy

The water main improvements provide redundancy if the Wannos Pond Well Pumping Station is unavailable/off-line as the hydraulic restrictions on the Ship Pond Well and Ellisville Well are alleviated and would allow for more pumping capacity.

## Schedule

If funding is approved at the October 2020 Town Meeting, work can begin on design and permitting once funding is available. Design and permitting is expected to take about 4 to 6 months. Public bidding is expected to occur in Summer 2021 so that construction late Summer & Fall 2021. Construction is estimated to be complete with final paving by Summer 2022.

## Engineer's Opinion of Probable Costs

The capital cost for the Manomet Water Main Improvements is broken out in Table 2 below. The water main improvements prioritize the bottlenecks preventing water from getting to the north from Wannos and moving water to the South Pine Hills Tank.

**Table 2 – Manomet Pressure Zone Water Main Improvements**

| Location  | Length (ft) | Proposed Size and Material | Estimated Cost per Foot | Cost Estimate      |
|---|-------------|----------------------------|-------------------------|--------------------|
| Bartlett Road from State Road to Ray Road             | 4,100       | 12" Ductile Iron           | \$255.00                | \$1,050,000        |
| Brook Road (including a pipe conditions test)         | 4,450       | 8" Ductile Iron            | \$230.00                | \$1,030,000        |
| Manomet Point Road from State Road to Kevin Avenue    | 4,350       | 12" Ductile Iron           | \$255.00                | \$1,110,000        |
| White Horse Road from Robbins Hill Road to State Road | 3,700       | 12" Ductile Iron           | \$255.00                | \$950,000          |
| Priscilla Beach Road and Robbins Hill Road            | 1,700       | 12" Ductile Iron           | \$255.00                | \$440,000          |
| Rocky Hill Road at White Horse Road                   | 900         | 8" Ductile Iron            | \$230.00                | \$210,000          |
| Manomet Elementary School Loop                        | 900         | 12" Ductile Iron           | \$255.00                | \$230,000          |
| Total Capital Cost                                    |             |                            |                         | \$5,020,000        |
| <b>Requested Capital Cost</b>                         |             |                            |                         | <b>\$5,100,000</b> |

The estimated cost per foot of \$255 for 12" pipe and \$230 for 8" pipe includes construction costs, full width pavement restoration, police details, engineering, and contingency.

Please feel free to contact me at (617) 657-0253 or rjt@envpartners.com with any questions or concerns.

Sincerely,



Environmental Partners Group, Inc.

Ryan J. Trahan, P.E.

Senior Principal

P: 617.657.0253

E: rjt@envpartners.com

**TOWN OF PLYMOUTH CAPITAL IMPROVEMENT PLAN REQUEST FORM**  
**FY21 FALL ANNUAL TOWN MEETING REQUEST FORM**

4F

|  |                            |  |
|--|----------------------------|--|
| <b>Department: Airport</b>                                   |                            |  |
| <b>Project Title and Description:</b> Taxiway Echo extension | <b>Total Project Cost:</b> | <b>\$2,500,000 Total<br/>\$100,000 airport</b> |

**Department/Division Head:** Thomas Maher, Airport Manager

**Cost estimate was developed:** Internally  Externally

| <b>Basis of Estimated Costs (attach additional information if available)</b> |  |                 | <b>If project has impact on 5 Year Plan and future operating budgets, insert estimated amounts.</b> |                |                  |
|--|--|-----------------|---|----------------|------------------|
| <b>Capital:</b>  | <b>Cost</b>                                | <b>Comments</b> | <b>Fiscal Year:</b>   | <b>Capital</b> | <b>O &amp; M</b> |
| <i>Planning and Design</i>   | 350,000                                    |                 | <i>FY21</i>   |                |                  |
| <i>Labor and Materials</i>   | 2,150,000                                  |                 | <i>FY22</i>   |                |                  |
| <i>Administration</i>  |  |                 | <i>FY23</i>   |                |                  |
| <i>Land Acquisition</i>  |  |                 | <i>FY24</i>   |                |                  |
| <i>Equipment</i>   |  |                 | <i>FY25</i>   |                |                  |
| <i>Other</i>   |  |                 |   |                |                  |
| <i>Contingency</i>   |  |                 |   |                |                  |
| <b>Total Capital</b>   | <b>2,500,000</b><br><b>100,000 airport</b> |                 |   |                |                  |

**Possible sources and amounts of funding, if known:** 90% FAA, 2,250,000, 6% MassDOT, \$150,000, 4% airport 100,000

**Project Justification and Objective:**

This would extend the taxiway to the actual end of the runway pavement maximizing safety so aircraft are no longer required to make a “U-turn” on the runway prior to taking off.

**Justification for Request at Fall Annual Town Meeting:** The Airport has the FAA “Stimulus” grant offer on hand for Federal FY21 which require bidding and contract award by January 1, 2021. In turn we are applying to the Fall Town Meeting to meet FAA grant restrictions.

**For Capital Project Requests:**

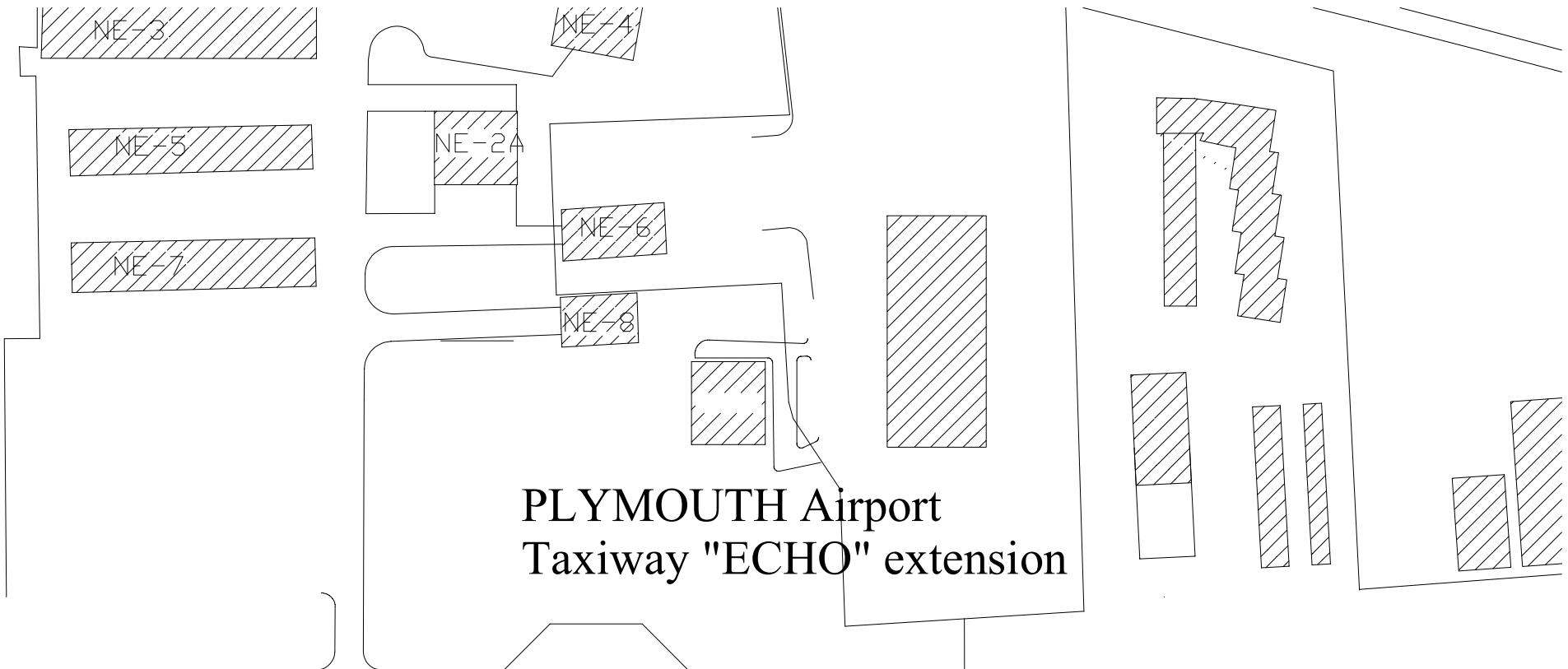
Will this project be phased over more than one fiscal year? If yes, enter it on the next 5 Year Plan Yes  No   
 Can this project be phased over more than one fiscal year? Yes  No

**For Capital Equipment Requests:**

Check if equipment requested is replacement and enter the year, make & model, VIN and present condition of existing equipment

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**Attach additional information, estimates, or justification.**



24

**TOWN OF PLYMOUTH CAPITAL IMPROVEMENT PLAN REQUEST FORM**  
**FY21 FALL ANNUAL TOWN MEETING REQUEST FORM**

4G

|   |                            |                                     |
|---|----------------------------|-------------------------------------|
| <b>Department: Airport</b>                                |                            |                                     |
| <b>Project Title and Description:</b> Acquire building NW | <b>Total Project Cost:</b> | \$200,000<br>\$40,000 airport share |

**Department/Division Head:** Thomas Maher, Airport Manager

**Cost estimate was developed:** Internally  Externally

| <b>Basis of Estimated Costs (attach additional information if available)</b> |                  |   | <b>If project has impact on 5 Year Plan and future operating budgets, insert estimated amounts.</b> |                   |                  |
|--|------------------|---|---|-------------------|------------------|
| <b>Capital:</b>  | <b>Cost</b>      | <b>Comments</b>                                     | <b>Fiscal Year:</b>   | <b>Capital</b>    | <b>O &amp; M</b> |
| <i>Planning and Design</i>   |                  |   | <i>FY21</i>   |                   |                  |
| <i>Labor and Materials</i>   |                  |   | <i>FY22</i>   |                   |                  |
| <i>Administration</i>  |                  |   | <i>FY23</i>   |                   |                  |
| <i>Land Acquisition</i>  |                  |   | <i>FY24</i>   |                   |                  |
| <i>Equipment</i>   |                  |   | <i>FY25</i>   |                   |                  |
| <i>Other</i>   | \$200,000        | Acquire building                                    |   | \$160,000 MassDOT | \$40,000 Airport |
| <i>Contingency</i>   |                  |   |   |                   |                  |
| <b>Total Capital</b>   | <b>\$200,000</b> | <b>\$160,000 MassDOT</b><br><b>\$40,000 Airport</b> |   |                   |                  |

**Possible sources and amounts of funding, if known:** \$40,000 airport free cash, \$160,000 MassDOT grant

**Project Justification and Objective:** Purchase building to store airport snow equipment

**Justification for Request at Fall Annual Town Meeting:** MassDOT grant would be issued in January of 2021, several months before the Spring Town Meeting.

**For Capital Project Requests:**

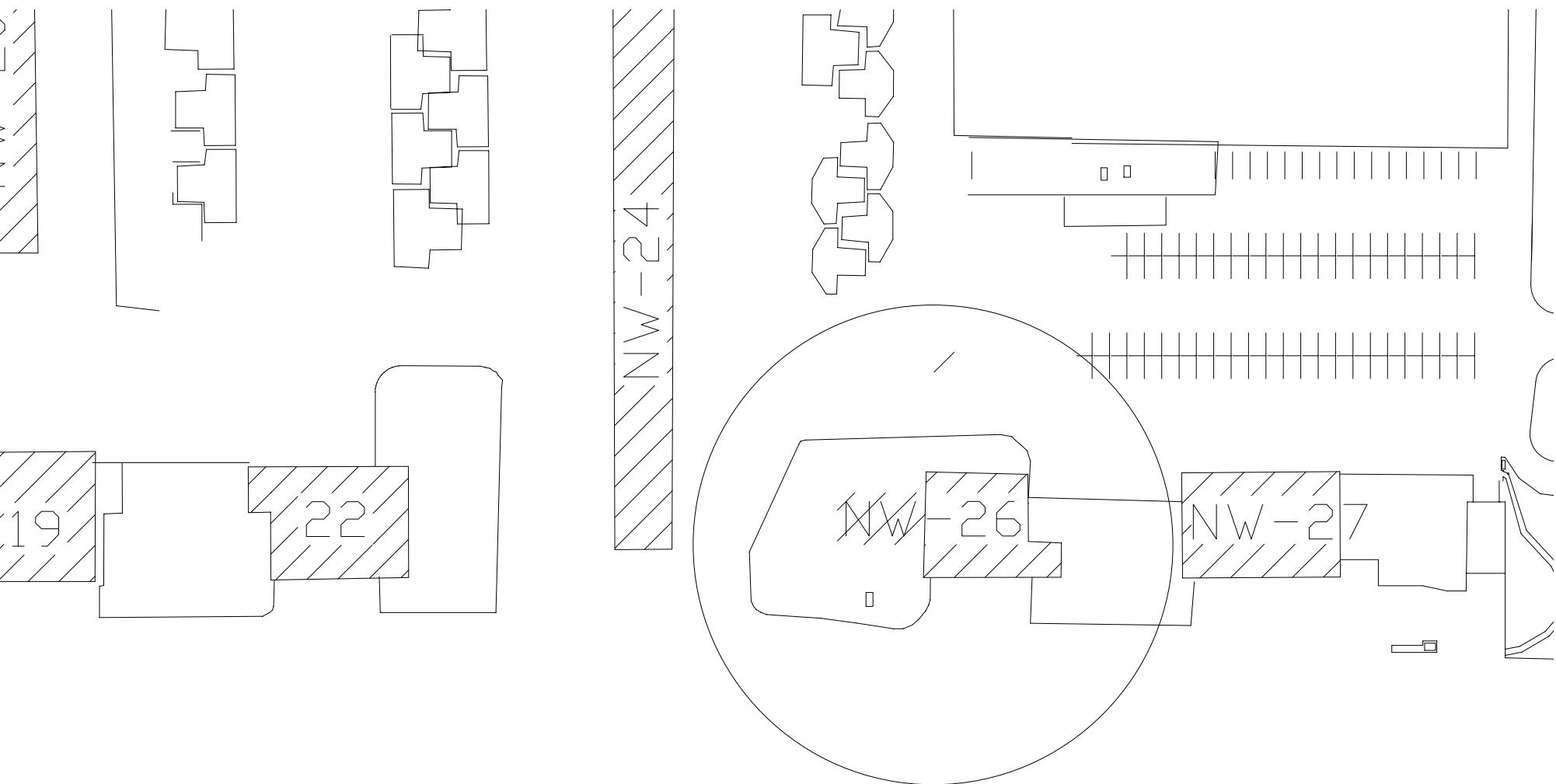
Will this project be phased over more than one fiscal year? If yes, enter it on the next 5 Year Plan Yes  No   
 Can this project be phased over more than one fiscal year? Yes  No

**For Capital Equipment Requests:**

Check if equipment requested is replacement and enter the year, make & model, VIN and present condition of existing equipment

|  |
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**Attach additional information, estimates, or justification.**



## **ARTICLE 5:**

**ARTICLE 5:** To see if the Town will vote to authorize the Select Board to acquire by purchase, gift, eminent domain or otherwise, for water supply purposes and to accept the deed to the Town of Plymouth of a fee simple interest in land located off Plymouth St in the Town of Plymouth composed of 18 acres more or less being shown as a portion of Lot 9-U on Map 107, located off of Plymouth Street, said land to be held under the care, custody and control of the Select Board as Water Commissioners, subject to retention of a leasehold interest in said land by the current owner for a period to expire on, or before, December 31, 2023; and to raise and appropriate, transfer from available funds or borrow a sum of money to fund this acquisition; and further, to authorize the Town to enter into all agreements and execute any and all instruments as may be necessary to effect said purchase, or take any other action relative thereto.

### **SELECT BOARD**

#### **RECOMMENDATION: Approval \$800,000 Unanimous (12-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 5. This article will facilitate the acquisition of the Franklin Marsh Bog, the final piece necessary to owning all the water rights to Darby Pond, which will allow the Town to submit a permit modification to DEP requesting that the pumping restriction be lifted. Lifting this pumping restriction will allow the well to operate at full permitted capacity and significantly help meet the growing water needs of the Town.



# TOWN OF PLYMOUTH

## DEPARTMENT OF PUBLIC WORKS

159 Camelot Drive  
Plymouth, Massachusetts 02360

FAX: (508) 830-4165

# MEMO

Date: September 8, 2020

To: Capital Improvement Committee  
Select Board  
Advisory & Finance Committee

cc: Melissa Arrighi, Town Manager  
Marlene McCollem, Asst. Town Manager  
Sheila Sgarzi, Acting Town Engineer  
Peter Gordon, Water Supt.

From: Jonathan Beder, Director of Public Works

**Re: 2020 Fall Annual Town Meeting  
Article 5-Darby Pond-Land Acquisition**

In 1991 the Town installed a public water supply well about 600-feet from Darby Pond in West Plymouth. Since then the Town shared the water resources with cranberry growers who also owned and farmed property adjacent to the pond. The public water supply well is subject to a DEP pumping restriction that effectively cuts the yield of the well in half when the water level in the pond falls below a benchmarked elevation.

Darby Pond is hydraulically connected to the water table and is located at a high point in the drainage basin; therefore, it is not unusual that changes in groundwater due to ambient conditions may result in the temporary lowering of Darby Pond. However, if the pond level drops below the elevation of the intake pumps servicing the bogs, the cranberry growers will be negatively impacted, which is why the municipal well must curtail operations when the water level falls in the late summer and fall, or under drought conditions.

The Town has been working for years to acquire the properties with associated water rights to Darby Pond. This proposed acquisition of the Franklin Marsh Bogs is the final piece to owning all the water rights in the pond, which will allow DEP to lift the pumping restriction and allow the well to operate at full permitted capacity year-round. Lifting the pumping restriction will allow the Town to provide our usual permitted volume of water to the fast-growing West Plymouth pressure zone for both potable use and fire protection. Normal pumping year round at the Darby Pond Well will allow the Water Division to "rest" other wells during peak pumping periods, while still insuring that our storage tanks remain full and the system is able to adequately serve daily demands for usage and be ready to provide adequate volume for fire protection, if necessary.

Additionally, even with the new Forges Field Well coming online this year, the Northern Pressure Zone is currently operating in a deficit under a FIRM capacity scenario. The Town's FIRM capacity yield is calculated when the largest source is taken offline, and the remaining supply is contrasted with the existing demand (see attached May 19, 2020 Amendment). This is a safety requirement of our Water Management Act withdrawal permit because it is unrealistic to assume that all well will always be fully operational. At any given point, a well may be down for service, yield restricted due to other operational constraints, or lost due to contamination. Therefore, it is imperative that the system have built-in redundancy to handle the demand under less than ideal conditions.

This is why, regardless of any water conservation efforts undertaken by the Town or private property owners to reduce demand, it is critical to provide our permitted withdrawal volumes to the system, especially in the case of a large fire that will draw hundreds of thousands of gallons of water. The existing FIRM capacity deficit would be extinguished by lifting the Darby Well restriction and would ensure that the Town is operating fully within the best practices identified by the MassDEP.

The DPW has been working cooperatively with the DEP for several years now on this initiative and has submitted a permit modification requesting that the restriction be lifted, contingent on Town Meeting approval and closing on the property. Although this is an expensive acquisition, if viewed strictly for property rights, the water rights are invaluable given the ability to utilize the existing public water supply well more efficiently and effectively.

Making up this additional supply with a new source would cost millions of dollars and years of permitting and construction. Lifting the restriction on Darby is by far the most feasible and efficient option for the responsible operation to sustain water supply to West Plymouth. Purchasing this land is also advantageous for protecting the Water Supply. Once purchased, this property will be conveyed to the Select Board as Water Commissioners and is to be used for water purposed only.

Property of Franklin Marsh, LLC  
Approximately 18 Acres  
Off Plymouth Street, Plymouth, Massachusetts  
(a portion of Plymouth Assessors' Parcel 107-000-009-000U)  
AND  
Off Parting Ways Road, Kingston, Massachusetts  
(a portion of Kingston Assessors' Parcel 110/10)

# *Appraisal Report*

Effective Date of Appraisal: October 16, 2019

*Prepared for:*  
David Gould, Director  
Department of Marine and Environmental Affairs  
AND  
William Keohan, Chair  
Community Preservation Committee  
Town of Plymouth  
26 Court Street  
Plymouth, MA 02360

# *Realworth*

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## *Appraising & Consulting*

Mark D. Truran  
Massachusetts Certified General Real Estate Appraiser #4460  
Post Office Box 466  
East Wareham, Massachusetts 02538  
Telephone: 508-789-9695  
[realworth@verizon.net](mailto:realworth@verizon.net)

## ***Letter of Transmittal***

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November 11, 2019

David Gould, Director  
Department of Marine and Environmental Affairs

AND

William Keohan, Chair  
Community Preservation Committee  
Town of Plymouth  
26 Court Street  
Plymouth, MA 02360

Dear Mr. Gould and Mr. Keohan:

As requested, I have prepared the following Appraisal Report of the property located off Plymouth Street in Plymouth, Massachusetts, and off Parting Ways Road in Kingston, Massachusetts. The purpose of the appraisal is to estimate the market value of the herein-described property, as of October 16, 2019. The intended use of the appraisal is for decision making relative to possible acquisition of the property, as well as for obtaining funding from the Massachusetts Drinking Water Supply Protection Grant Program. In addition to the Town of Plymouth, other intended users of the report are the Commonwealth of Massachusetts and the property owner, Franklin Marsh, LLC.

It is my opinion and conclusion that the market value of the herein-described property, as of October 16, 2019, is \$390,000.

This appraisal is based on the extraordinary assumption that the subject property land area is 18 acres. If this proves to be inaccurate, the market value of the subject property could be different.

## ***Letter of Transmittal***

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This appraisal is based on the extraordinary assumption that the subject property has an easement from Plymouth Street with a road surface suitable for hauling sand. If this proves to be inaccurate, the market value of the subject property would be lower.

This appraisal is based on the extraordinary assumption that the Plymouth portion of the subject property has at least 50,000 cubic yards of sand that could be excavated and that the Kingston portion of the subject property has approximately 60,000 cubic yards of sand that could be excavated. If these assumptions prove to be inaccurate, the market value of the subject property could be different.

This letter of transmittal is followed by the narrative appraisal report, further describing the subject property and containing some of the reasoning and pertinent data leading to the estimated value. This report has been prepared under Standard 2 as an Appraisal Report, in conformity with the Uniform Standards of Professional Appraisal Practice, and in conformity with the EOEEA Specifications for Analytical Narrative Appraisal Reports, dated February 13, 2015.

Respectfully submitted,



Mark D. Truran  
Massachusetts Certified General  
Real Estate Appraiser #4460

## ***Qualifications of Appraiser***

### **Mark D. Truran**

---

|            |  |
|------------|--|
| Employment | 1996 - present<br>Realworth Appraising & Consulting, East Wareham, MA  |
|            | 1989 - 1997<br>Larrivee Real Property Appraisers, New Bedford, MA<br>Staff Appraiser   |
|            | 1984 - 1989<br>Upper Cape Realty Corporation, Buzzards Bay, MA<br>Real Estate Broker   |
|            | 1981-1984<br>Conservation Commission, Wareham, MA<br>Clerk/Consultant  |
| Education  | <p><i>Massachusetts Board of Real Estate Appraisers:</i></p> <p>“New England Appraisers Expo – Commercial Program” (2017)<br/>“Defensible Appraising” (2016)<br/>“Green in Residences and Appraisals” (2014)<br/>“Appraisal of 2-4 Family and Multi-Family Properties” (2012)<br/>“Challenging Assignments for Residential Appraisers” (2012)<br/>“Uniform Standards of Professional Appraisal Practice Update” (2003, 2006, 2014, 2016, 2018)<br/>“Unique and Unusual Residential Properties” (2000)<br/>“Land Development” (2000)<br/>“2-4 Family Residential Income Property Appraisal” (2000)<br/>“Commercial Appraisal Review Techniques” (2000)</p> <p><i>Appraisal Institute:</i></p> <p>“Residential and Commercial Valuation of Solar” (2019)<br/>“Rates and Ratios” (2016)<br/>“General Appraiser Market Analysis and Highest &amp; Best Use” (2016)<br/>“General Appraiser Report Writing and Case Studies” (2015)<br/>“Real Estate Finance, Statistics, and Valuation Modeling” (2014)<br/>“Comparative Analysis” (2012)<br/>“Using Your HP 12C Financial Calculator” (2012)<br/>“Uniform Standards of Professional Appraisal Practice Update” (2009, 2011, 2012)<br/>“Valuation of Green Residential Properties” (2009)<br/>“Eminent Domain and Condemnation” (2009, 2016)<br/>“Subdivision Valuation” (2009)<br/>“Appraising from Blueprints and Specifications” (2009)<br/>“Real Estate Appraisal Operations” (2009)<br/>“Scope of Work” (2009)<br/>“Analyzing Operating Expenses” (2006)<br/>“Feasibility, Market Value, Investment Timing: Option Value” (2003)<br/>“Introduction to GIS Applications for Real Estate Appraisal (2003)<br/>“Valuation of Detrimental Conditions in Real Estate” (2003)<br/>“Small Hotel/Motel Valuation” (2003)<br/>“Analyzing Distressed Real Estate (2003)<br/>“Internet Search Strategies for Real Estate Appraisers” (2003)<br/>“Advanced Income Capitalization” (1994)</p> <p>Williams College, Williamstown, MA<br/>B.A. in Philosophy with a Concentration in Environmental Studies (1981)</p> |
| License    | Massachusetts Certified General Real Estate Appraiser, #4460   |

## Owner's Property Inspection Certificate

**COMMONWEALTH OF MASSACHUSETTS**  
**OWNERS PROPERTY INSPECTION CERTIFICATE**

Franklin Marsh, LLC

email: [craig-fweston@msn.com](mailto:craig-fweston@msn.com)  
[gweston@verizon.net](mailto:gweston@verizon.net)

Name of Supposed Owner(s)

Telephone No. w/Area Code

Craig F. Weston + Gary F. Weston, Managers

17 Meadow St., P.O. Box 819

Address

Carver

Town/City

MA

State

02330

Zip Code

Please check appropriate line:

I have accompanied

I wish to accompany the appraiser on an inspection of my property.

I wish to have my representative accompany the appraiser(s) on an inspection of my property.  
 (Please fill in Item 3.)

I do not wish to accompany the appraiser(s) on an inspection of my property.

Craig Weston

Name of Authorized Representative

508-965-0095

Telephone No. w/Area Code

17 Meadow Street

Address

Carver

Town/City

MA

State

02330

Zip Code

The following individuals and/or entities occupy the premises in accordance with an agreement as indicated (lease, life estate, etc.):

a) \_\_\_\_\_  
 Name of Individual or Entity

b) \_\_\_\_\_  
 Name of Individual or Entity

Occupied Premises

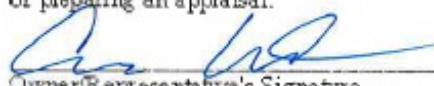
Occupied Premises

Type of Agreement

Type of Agreement

I certify that I have given the above-referenced tenants or occupants notice of the appraiser's inspection of the property.

I hereby authorize the appraiser to enter and inspect the property, after reasonable notice, for the purpose of preparing an appraisal.



Owner/Representative's Signature

1/8/18

Date

## *Certificate of Value*

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OWNER(S): Franklin Marsh, LLC

PROPERTY: Approximately 18 acres, Off Plymouth Street, Plymouth, MA and off Parting Ways Road, Kingston, MA

I, Mark D. Truran, hereby certify that, to the best of my knowledge and belief:

The statements contained in the appraisal here set forth are true, and the information upon which the opinions expressed herein are based is correct;

The reported analyses, opinions, and conclusions are limited only by the reported assumptions, limiting conditions, and legal instruction, and are my personal, unbiased professional analyses, opinions, and conclusions;

No one provided me with significant professional assistance;

This appraisal has been made and the appraisal report prepared in conformity with the Appraisal Foundation's *Uniform Standards of Professional Appraisal Practice*;

Neither my employment nor my compensation for making this appraisal report are in any way contingent upon the values reported herein;

I have no direct or indirect present or contemplated future personal interest in such property or in any benefit from the acquisition of such property appraised;

I have no personal interest with respect to the parties involved with this assignment;

I have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment;

My compensation for completing this assignment is not contingent upon the development or reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a particular event directly related to the intended use of this appraisal;

I have made a personal inspection of the appraised property which is the subject of this report and all comparable sales used in developing the opinion of value;

I have performed no services, as an appraiser or in any other capacity, regarding the property that is the subject of this report, within the three-year period immediately preceding acceptance of this assignment, except for an appraisal report with an effective date of December 20, 2017, with a transmittal date of February 16, 2018.

The date of inspection was October 16, 2019, and the method of inspection was on foot, having afforded the owner the opportunity to accompany me; and

In my opinion, as of October 16, 2019, the market value of the subject property, as further defined herein, is \$390,000.



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Mark D. Truran

Massachusetts Certified General Real Estate Appraiser #4460

Date: November 11, 2019

## *Summary of Important Facts and Conclusions*

**Property Type:** Residentially zoned land currently utilized for cranberry production

**Property Address:** Off Plymouth Street, Plymouth, MA; Off Parting Ways Road, Kingston, MA

**Owner:** Franklin Marsh, LLC

**Effective Date of Valuation:** October 16, 2019

## **Property Rights Appraised: Fee Simple Estate**

**Site Data:** The subject property is comprised of parts of two contiguous lots, without any legal street frontage, located off Plymouth Street in Plymouth and off Parting Ways Road in Kingston, with a total land area of approximately 18 acres, identified as a portion of Lot 9-U on Plymouth Assessors' Map 107 and a portion of Lot 10 on Kingston Assessors' Map 110.

**Improvement Data:** The subject property includes a 6.78-acre cranberry bog with irrigation lines

**Zoning:** Plymouth: Rural Residential (RR)      Kingston: Residential-40 (R-40)

**Highest and Best Use:** A site for sand mining, with the balance of the property to be used as a site for forestry and recreation

## Value Indications:

|                            |                |
|----------------------------|----------------|
| Cost Approach:             | Not Applicable |
| Income Approach:           | \$390,000      |
| Sales Comparison Approach: | Not Applicable |

**Final Value Estimate:** **\$390,000**

**Extraordinary Assumptions:** This appraisal is based on the extraordinary assumption that the subject property land area is 18 acres. If this proves to be inaccurate, the market value of the subject property could be different.

This appraisal is based on the extraordinary assumption that the subject property has an easement from Plymouth Street with a road surface suitable for hauling sand. If this proves to be inaccurate, the market value of the subject property would be lower.

This appraisal is based on the extraordinary assumption that the Plymouth portion of the subject property has at least 50,000 cubic yards of sand that could be excavated and that the Kingston portion of the subject property has approximately 60,000 cubic yards of sand that could be excavated. If these assumptions prove to be inaccurate, the market value of the subject property could be different.

### **Hypothetical Conditions:** None

## ***Subject Property Photographs***

*The photographs were taken by the appraiser on October 16, 2019.*



Looking west across the cranberry bog on the subject property, with the earth removal operation on land in the same ownership in the distance



Looking north across the cranberry bog on the subject property, with the excavated area on the subject property in the distance



Looking northwest across the northeastern corner of the cranberry bog on the subject property, at the excavated area on the subject property, with wooded upland behind

## ***Subject Property Photographs***

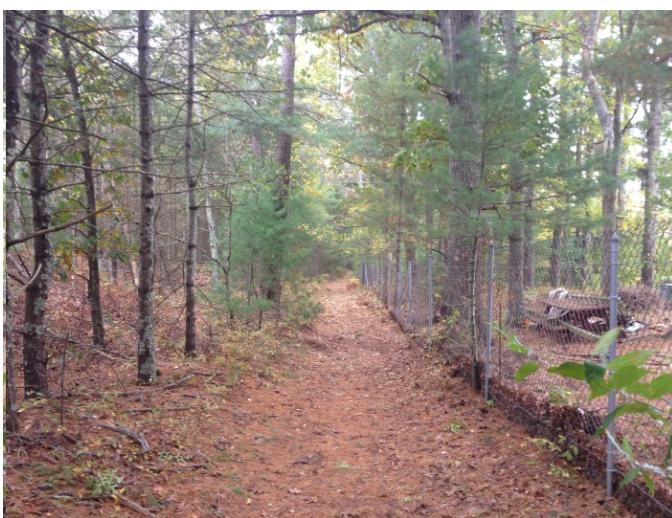
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Looking north at the excavated area on the subject property



Typical wooded area on the Kingston portion of the subject property



Looking west at the old road along the northern part of the subject property, with single-family properties to the right

## ***Subject Property Photographs***

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Looking south across the cranberry bog on the subject property, with Darby Pond in the distance, along with buildings on land in the same ownership, which is to be retained by the current owners of the subject property



The access road to the subject property, looking south toward Plymouth Street



Plymouth Street, looking east, with the entrance to the access road to the subject property on the left

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## ***Statement of Assumptions and Limiting Conditions***

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*The Certification of Appraisal that appears in the appraisal report is subject to the following assumptions and limiting conditions and to such other specific assumptions and limiting conditions as are set forth by the appraiser in the report:*

### **Legal Matters:**

The legal description used in this report is assumed to be correct, but it may not necessarily have been confirmed by survey. No responsibility is assumed in connection with a survey or for encroachments or overlapping or other discrepancies that might be revealed thereby. Any sketches included in the report are only for the purpose of aiding the reader in visualizing the property and are not necessarily a result of a survey.

No responsibility is assumed for an opinion of legal nature, such as concerning ownership of the property or condition of title.

The appraiser assumes that the title to the property to be marketable and that, unless stated to the contrary, the property is appraised as an unencumbered fee which is not used in violation of acceptable ordinances, statutes, or other governmental regulations.

### **Information, Estimates and Opinions:**

Information, estimates, and opinions furnished to the appraiser and contained in the report were obtained from sources considered reliable and believed to be true and correct. However, no responsibility for accuracy of such items furnished to the appraiser can be assumed by the appraiser.

### **Unapparent Conditions:**

The appraiser assumes that there are no hidden or unapparent conditions of the property, subsoil, or structures which would render it more or less valuable than otherwise comparable property. The appraiser is not an expert in determining the presence or absence of hazardous substances, defined as all hazardous or toxic materials, waste, pollutants or contaminants (including, but not limited to, asbestos, PCB, UFFI, or other raw materials or chemicals) used in construction or otherwise present on the property.

The appraiser assumes no responsibility for the studies or analyses which would be required to conclude the presence or absence of such substances or for loss as a result of the presence of such substances. The client is urged to retain an expert in this field, if desired. The value estimate is based on the assumption that the subject property is not so affected.

The appraiser has noted in the appraisal report any adverse conditions (such as, needed repairs, depreciation, the presence of hazardous wastes, toxic substances, etc.) observed during the inspection of the subject property or that he became aware of during the normal research involved in performing the appraisal.

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## ***Statement of Assumptions and Limiting Conditions***

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***Zoning and Licenses:***

It is assumed that all applicable zoning and use regulations and restrictions have been complied with, unless a nonconforming use has been stated, defined and considered in the valuation.

It is assumed that the subject property complies with all applicable federal, state and local environmental regulations and laws unless noncompliance is stated, defined and considered in the valuation.

It is assumed that the information relating to the location of or existence of public utilities that has been obtained through a verbal inquiry from the appropriate utility authority or has been ascertained from visual evidence is correct. No warranty has been made regarding the exact location or capacities of the public utility systems.

It is assumed that all licenses, consents or other legislative or administrative authority from local, state or national governmental or private entity or organization have been, or can be, obtained or renewed for any use on which the value estimate contained in the valuation report is based.

***Court Testimony:***

The appraiser will not give testimony or appear in court because he made an appraisal of the property in question, unless specific arrangements to do so have been made beforehand.

***Disclosure of Report Contents:***

The appraiser will not disclose the contents of the appraisal report except as provided for in the Uniform Standards of Professional Appraisal Practice.

## ***Purpose of Appraisal and Definition of Value***

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**Purpose and Date of Valuation:** The purpose of the appraisal is to estimate the market value of the fee simple estate of the property under market conditions prevailing on October 16, 2019. The subject property has no apparent encumbrances and no appurtenant rights other than an apparent easement from the northeast, for utilities and possibly for access. This appraisal is based on the extraordinary assumption that the subject property has an easement from Plymouth Street with a road surface suitable for hauling sand.

The intended use of the appraisal is for decision making relative to possible acquisition of the property, as well as for obtaining funding from the Massachusetts Drinking Water Supply Protection Grant Program. In addition to the Town of Plymouth, other intended users of the report are the Commonwealth of Massachusetts and the property owner, Franklin Marsh, LLC.

**Definition of Market Value:** Market value (also referred to as fair market value in the Massachusetts Executive Office of Energy and Environmental Affairs' Specifications for Analytical Narrative Appraisal Reports) is the most probable price that a property should bring in a competitive and open market under all conditions requisite to a fair sale, the buyer and seller each acting prudently and knowledgeably and assuming the price is not affected by undue stimulus. Implicit in this definition is the consummation of a sale as of a specified date and the passing of title to a buyer under conditions whereby: 1) buyer and seller are typically motivated; 2) both parties are well informed or well advised, and acting in what they consider their own best interests; 3) a reasonable time is allowed for exposure in the open market; 4) payment is made in terms of cash in U.S. dollars or in terms of financial arrangements comparable thereto; and 5) the price represents the normal consideration for the property sold unaffected by special or creative financing or sales concessions granted by anyone associated with the sale.<sup>1</sup>

**Definition of Fee Simple Estate:** Fee simple estate is “absolute ownership unencumbered by any other interest or estate, subject only to the limitations imposed by governmental powers of taxation, eminent domain, police power, and escheat”.<sup>2</sup>

1. EOEEA *Specifications for Analytical Narrative Appraisal Reports*, February 13, 2015, page 2.
2. *The Dictionary of Real Estate Appraisal*, Fifth Edition, by the Appraisal Institute, Page 78.

## ***Scope of Work***

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I have inspected the subject property and surrounding property in the same ownership. Other information about the property has been derived from public records, as further described herein. I have relied on the current deed for information regarding easements, covenants, restrictions, and other encumbrances affecting the property. I have not performed a title examination of the property.

In order to determine the development potential of the property, I have reviewed state and municipal laws and regulations and have interviewed municipal officials.

I have examined the property's market area, to determine the existing and proposed inventory, as well as demand for and marketability of property of this type.

I have researched the value of sand in the bank and have researched potential use of the sand restricted to cranberry use by cranberry farms in the area.

I have researched sales of properties similar to the property after earth removal that have occurred over the past five years in similar areas of southeastern Massachusetts.

In order to determine the highest and best uses for the subject property, I have completed a survey of the market, noting supply and demand factors, and examined the feasibility of alternative uses.

I have not applied the Cost Approach to Value or Sales Comparison Approach to Value, for reasons further explained herein. I have applied the Income Approach to Value.

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***Identification of the Property***  
***Legal Description***

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The subject property is identified as a portion of Lot 9-U on Plymouth Assessors' Map 107 and as a portion of Lot 10 on Kingston Assessors' Map 110, as shown in the following pages.

The subject property, as well as the entire 133.2 acres in the same ownership, are more fully described in a deed recorded on January 6, 2005, in Book 29800, Page 14, at the Plymouth County Registry of Deeds, Plymouth, Massachusetts. The property is currently owned by Franklin Marsh, LLC. This ownership has been in effect for nearly 15 years, and to my knowledge this property has not been offered for sale on the general market during this ownership.

## ***Final Value Summary and Estimate of Value***

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The estimated final market value for the subject property is being estimated utilizing one approach to value. The indicated value by the Income Approach to Value is \$390,000.

After weighing all the factors, it is the opinion of this appraiser that the market value as of October 16, 2019, based on a market exposure time of three to twelve months before the effective date of this appraisal, is

**\$390,000**  
**[Three Hundred Ninety Thousand Dollars].**

The complete appraisal report can be found on the Town's website on the Advisory & Finance page within the September 16, 2020 Agenda packet (<https://www.plymouth-ma.gov/advisory-finance-committee/agenda/9-16-20-meeting-packet>).

## **ARTICLE 6:**

**ARTICLE 6:** To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money to conduct Cyanobacteria sampling of various ponds, including all incidental and related expenses, or take any other action relative thereto.

### **MARINE AND ENVIRONMENTAL**

#### **RECOMMENDATION:Approval \$17,500 (12-0-0) Unanimous**

The Advisory & Finance Committee recommends Town Meeting approve Article 6. This article will provide funding for the Department of Marine and Environmental Affairs and the Health Department to sample public and private waterbodies for toxins that are potential health risks. This project would be funded from the Environmental Affairs Fund.

# MEMO

**To:** Melissa Arrighi, Town Manager  
**From:** David Gould, Director of Marine and Environmental Affairs  
**Re:** Cyanobacteria Sampling/EA Fund  
**Date:** August 13, 2020

DMEA respectfully requests the use of \$17,500 from the Environmental Affairs Fund for use in sampling lakes and ponds for water quality issues including cyanobacteria blooms. Cyanobacteria blooms represent a public health risk during the summer months and often require repeated sampling tests.

The average cost of a cyanobacteria sample/lab results is \$150. The first sample would establish the presence of a bloom and/or the presence of toxic microcystin colonies and at least two subsequent samples would need to be negative tests (and lack of a visual bloom) before the local Department of Public Health and the Massachusetts Department of Public Health would re-open a pond to swimming. At a minimum, this would be \$450 per pond under the best-case scenario. Longer blooms would require more weekly sampling and more corresponding sampling costs.

The proposed funding would allow both DMEA and Public Health to sample both public and private waterbodies to ensure that public health is being protected. Neither department currently has the necessary funds to cover the increasing frequency and costs of cyanobacteria sampling for lakes and ponds in town.

Among the ponds that have experienced cyanobacteria blooms over the last several years are:

Bartlett Pond  
Great Herring Pond  
Billington Sea  
Savery Pond  
Boot Pond  
Cooks Pond  
Little Long Pond  
Ezekiel Pond  
Halfway Pond  
White Island Pond

## **ARTICLE 7:**

**ARTICLE 7:** To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money to install plantings within the Foothills Preserve Stream and Wetlands Restoration Project, including all incidental and related expenses, or take any other action relative thereto.

### **MARINE AND ENVIRONMENTAL**

#### **RECOMMENDATION: Approval \$45,800 (12-0-0) Unanimous**

The Advisory & Finance Committee recommends Town Meeting approve Article 7. The purpose of this article is to complete the restoration project and allow for the purchase and installation of 2,200 plantings for the stream and wetlands restoration at the Foothills Preserve. Considerable funds have already been contributed to this project by federal and state agencies as well as private stakeholders. This article represents the Town's share of the project and the funding would come from the Environmental Affairs Fund.

# MEMO

**To:** Melissa Arrighi, Town Manager  
**From:** David Gould, DMEA Director  
**Re:** Environmental Affairs Fund Request/Plantings  
**Date:** July 28, 2020

DMEA is requesting the use of \$45,800 from the Environmental Affairs Fund for use in purchasing and installing plantings for the ongoing stream and wetlands restoration project at the Foothills Preserve.

This project builds upon previous restoration work at the Mass Audubon Tidmarsh Sanctuary. Protecting this land from herbicide, pesticide and fertilizer use going forward as well as the wetland restoration work improves water quality from this part of the upper watershed, along Beaver Dam Brook, to Bartlett Pond and ultimately to White Horse Beach.

To date the Town has not invested financially in this project as the project funding to date has been a mix of private, state and federal funding as listed below:

|             |  |
|-------------|--|
| \$1,000,000 | United States Fish and Wildlife Service          |
| \$369,090   | USDA – Natural Resources Conservation Service    |
| \$230,000   | Massachusetts Division of Ecological Restoration |
| \$100,000   | Ducks Unlimited                                  |
| \$30,000    | Massachusetts Environmental Trust                |

The funding being requested would allow for the purchase and installation of 2,200 plants (and three-year warranty per the contract) for the following:

800 Shrubs bare root stock: 800 at \$7/each = \$5,600

800 Trees, 2-gallon: 800 at \$40/each = \$32,000

100 Trees, 5-gallon: 100 at \$50/each = \$5,000

500 Pitcher plant plugs: 500 at \$7/each = \$3,500

C: Lynne Barrett, Finance Director  
Jeanette White, Budget Analyst

## **ARTICLE 8:**

**ARTICLE 8:** To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money to purchase and equip an educational trailer for the Dept. of Marine and Environmental Affairs, or take any other action relative thereto.

### **MARINE AND ENVIRONMENTAL**

#### **RECOMMENDATION:Approval \$10,000 (12-0-0) Unanimous**

The Advisory & Finance Committee recommends Town Meeting approve Article 8. Approval of this Article will allow the Department of Environmental Affairs (DMEA) to purchase a mobile education trailer for the purpose of providing an educational learning experience in coordination with the schools. The trailer can also be used at local events where it would be available to residents and tourists. The focus of the educational materials on offer will be numerous native fish, birds and waterfowl of many feathers, marine mammals, assorted woodland critters, and various other forms of local wildlife that can be found in and around Plymouth. The trailer will include displays and tasteful taxidermy. This project would be funded from the Environmental Affairs Fund.

# MEMO

**To:** Melissa Arrighi, Town Manager  
**From:** David Gould, DMEA Director  
**Re:** Environmental Affairs Fund Request/Trailer  
**Date:** December 20, 2019

DMEA respectfully requests the use of \$10,000 from the Environmental Affairs Fund for a mobile education trailer. The trailer will be used to provide an educational learning experience for local children on fish and wildlife. There are a significant number of events in Town that would allow for the trailer to be used and for children (and adults) to learn about the fish, birds, waterfowl, marine mammals and animals that can be found in Plymouth.

To date, DMEA has secured over \$7,900 in donations towards this project and these funds would allow for acquisition of the trailer, displays, taxidermy, etc.

|                                     |         |
|-------------------------------------|---------|
| Entergy                             | \$4,000 |
| Eastern Bank                        | \$2,000 |
| AD Makepeace                        | \$1,000 |
| Herring Ponds Watershed Association | \$500   |
| Plymouth County League of Sportsmen | \$200   |
| Red Top Sporting Goods              | \$100   |
| Cedar Gun Club                      | \$100   |

The concept is based upon the highly successful Barnstable trailer which can be seen below.

# Living With Wild Life



## **ARTICLE 9A:**

**ARTICLE 9A:** To see if the Town will vote to adjust funding sources for various Community Preservation Act projects and the FY21 Community Preservation Fund budget, as approved under Article 16 of the August 10, 2020 Annual Town Meeting and Article 9 of the August 10, 2020, Special Town Meeting, by taking the following actions:

Rescind the following actions of the August 10, 2020 Annual Town Meeting:

- vote taken under Article 16B revising funding sources for the National Meeting House restoration project; and
- vote taken under Article 16C revising funding sources for the Stephens Field restoration and rehabilitation project;

Amend the following actions:

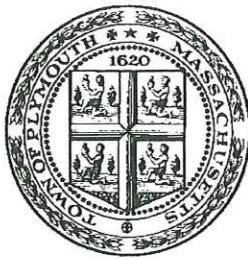
- vote taken under Article 9A of the August 10, 2020 Special Town Meeting, by revising the funding sources for the Jenney Pond Park renovation and improvement project;
- vote taken under Article 9C of the August 10, 2020 Special Town Meeting, by revising the funding sources for the Historical Maps preservation, restoration, rehabilitation and framing project;
- vote taken under Article 16H of the August 10, 2020 Annual Town Meeting establishing the FY 2021 Community Preservation Fund budget;
- vote taken under Article 16F of the August 10, 2020 Annual Town Meeting, by revising the funding sources for the Pickle Ball Courts construction project; and
- vote taken under Article 16G of the August 10, 2020 Annual Town Meeting, by revising the funding sources for the Burial Hill Phase III preservation, rehabilitation and restoration project;

or take any other action relative thereto.

**COMMUNITY PRESERVATION COMMITTEE**

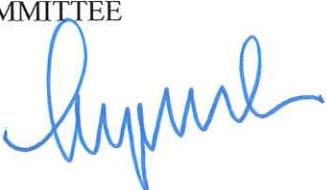
**RECOMMENDATION: Approval Unanimous (12-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 9A. This article is a housekeeping item that will correct some inaccuracies with Community Preservation Act funding sources relative to Article 16 of the Annual and Article 9 of the Special August 2020 Town Meeting based on an updated calculation of the actual available funds in the CPA Fund due to the ongoing pandemic and a reduction in the state's matching funds from last year.



**TOWN OF PLYMOUTH**  
ACCOUNTING & FINANCE DEPARTMENT  
26 COURT STREET, PLYMOUTH, MA 02360  
PHONE (508) 747-1620 EXTENSION 10177

TO:           BOARD OF SELECTMEN  
                  ADVISORY & FINANCE COMMITTEE

FROM:          LYNNE A. BARRETT  
                  DEPARTMENT OF FINANCE 

SUBJECT:       ARTICLE 9 – CPC RESCISSION & AMENDMENT ARTICLES (7)

DATE:          SEPTEMBER 10, 2020

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Due to changing fiscal conditions in the amount of surcharge the Town will receive in FY 2021, along with a reduction in the state match, and other adjustments, as further described in items 1 through 3 below, many articles from the August meetings need to be amended. The following Article of amendment will allow us the opportunity to revisit the action taken in August, in order to achieve all of the objectives Town Meeting previously approved, prior to setting the Tax rate in December 2020.

1. The Estimated Surcharge for Fiscal 2021 must be reduced based on the reduced amount to be raised by 2021 Taxes for the operating budgets voted, with service cuts, at the August meeting.
2. The Department of Revenue has reduced the amount we should expect in the state match for FY 2021. This notice came out on August 20<sup>th</sup> with a match of 17.7% when I had used 28% based on previous years' reimbursement.
3. During the close of fiscal 2020, I realized there was an error in the CPA Undesignated Fund Balance. I had inadvertently overstated the available funds in that account when communicating to the CPA Committee what their available balances were for articles for upcoming town meetings.

The following article is being recommended as a solution to these issues:

**ARTICLE 9A: To see if the Town will vote to adjust funding sources for various Community Preservation Act projects and the FY21 Community Preservation Fund budget, as approved under Article 16 of the August 10, 2020 Annual Town Meeting and Article 9 of the August 10, 2020, Special Town Meeting, by taking the following actions:**

**Rescind the following actions of the August 10, 2020 Annual Town Meeting:**

- **vote taken under Article 16B revising funding sources for the National Meeting House restoration project; and**
- **vote taken under Article 16C revising funding sources for the Stephens Field restoration and rehabilitation project;**

**Amend the following actions:**

- **vote taken under Article 9A of the August 10, 2020 Special Town Meeting, by revising the funding sources for the Jenney Pond Park renovation and improvement project;**
- **vote taken under Article 9C of the August 10, 2020 Special Town Meeting, by revising the funding sources for the Historical Maps preservation, restoration, rehabilitation and framing project;**
- **vote taken under Article 16H of the August 10, 2020 Annual Town Meeting establishing the FY 2021 Community Preservation Fund budget;**
- **vote taken under Article 16F of the August 10, 2020 Annual Town Meeting, by revising the funding sources for the Pickle Ball Courts construction project; and**
- **vote taken under Article 16G of the August 10, 2020 Annual Town Meeting, by revising the funding sources for the Burial Hill Phase III preservation, rehabilitation and restoration project**

The plan is to address the two borrowing reductions at the Spring 2021 Annual Town Meeting and use these estimated annual revenues and other funding sources for the following amended articles below:

- A. Article 9A Jenney Pond Park - New funding sources for this project would be \$325,731 from the Open Space Reserve and \$425,769 from the Fiscal 2021 estimated annual revenues of the Community Preservation Fund, for a total of \$751,500.
- B. Article 9C Historic Maps - New funding sources for this project would be \$22,085 from the Historic Resources Reserve.
- C. Article 16H – CPA Budget & Set Asides - The Town would move to replace amount appropriated with the following appropriation of \$1,136,325, from the Fiscal 2021 estimated annual revenues of the Community Preservation Fund for the fiscal year 2021 Community Preservation Budget and set asides as follows, or take any other action relative thereto.

\$130,292 Administrative Expenses

\$ 28,840 Debt Service

\$325,731 Set Aside for acquisition, creation and preservation of Open Space

\$325,731 Set Aside for acquisition, preservation, restoration and rehabilitation of Historic Resources

\$325,731 Set Aside for the acquisition, creation, preservation and support of Community Housing

- D. Article 16F – Pickle Ball Courts - New funding sources for this project would be \$120,000 from the Fiscal 2021 estimated annual revenues of the Community Preservation Fund and \$50,000 from the Department of Recreation Programming Revolving Fund, for a total of \$170,000.
- E. Article 16G – Burial Hill Phase III - New funding sources for this project would be \$152,600 from the Historic Resources Reserve and \$47,400 from Article 16D, 2019 Annual Town Meeting, Town Square / Leydon Street Project, for a total of \$200,000.

I have attached the updated recommended budget for fiscal 2021 for the CPA fund and the recommended action of the CPA's various funding sources.

Thank you for your consideration in this matter.

**Community Preservation Fund  
FISCAL 2021 SOURCES & USES OF FUNDS  
Report for Community Preservation Committee**

**SOURCES:**

**Estimated 2021 CPA Revenues:**

|   |                  |                            |
|---|------------------|----------------------------|
| Estimated Tax Revenue                                   |                  | \$ 185,015,822             |
| CPA Surcharge Rate                                      |                  | 1.50%                      |
| Estimated Surcharge for 2021 (Less \$10,000 in A & E)   |                  | \$ 2,765,237               |
| Investment Earnings                                     |                  | \$ 25,000                  |
| <b>State Trust Fund Distribution estimated at 17.7%</b> | <b>2,638,838</b> | <b>\$ 467,074</b>          |
|   |                  | <b><u>\$ 3,257,312</u></b> |

**USES:**

*To meet the required Percentages (%) from 2021 Estimated CPA Revenues:*

|  |     |                   |
|--|-----|-------------------|
| Open Space                                     | 10% | \$ 325,731        |
| Historic Resources                             | 10% | \$ 325,731        |
| Community Housing                              | 10% | \$ 325,731        |
| <b>Total required to be spent or set aside</b> |     | <b>\$ 977,194</b> |

*Amount available for CPA Administrative costs:*

|                          |       |                   |
|--------------------------|-------|-------------------|
| CPA Operating Budget     | 4.00% | \$ 130,292        |
| Interest Expense on Debt |       | \$ 28,840         |
| <b>Total Budget</b>      |       | <b>\$ 159,133</b> |

**Plan for Articles:**

|   |                         |                            |
|---|-------------------------|----------------------------|
| ATM Article 16A   | Reduce 1820 Borrowing   | 500,000                    |
|   | Reduce Meetinghouse     |                            |
| ATM Article 16B   | Borrowing               | 0                          |
|   | Reduce Stephen's Field  |                            |
| ATM Article 16C   | Borrowing               | 0                          |
| ATM Article 16E   | Playgrounds ADA Project | 520,033                    |
|   |                         | <b><u>\$ 1,020,033</u></b> |
| <b>Amended amount to be set aside in budgeted reserve</b> |                         | <b><u>\$ 1,100,952</u></b> |

| Community Preservation Fund - Available Funds & Action Recommended |                   |   |                 |   |                             |              |             |  |
|--|-------------------|---|-----------------|---|-----------------------------|--------------|-------------|--|
|  |                   |   |                 |   |                             |              |             |  |
|  |                   |   |                 | Balances Available for FY2020 Town Meetings - |                             |              |             |  |
| <b>Fund Balances:</b>  |                   |   |                 |   |                             |              |             |  |
| Balance 6/30/2020 - CP2  |                   | FY2021 Annual Town Meeting Action for 8/10/2020 | STM August 2020 | FATM, April STM & ATM                         | Adjustments Jenny Pond Maps | Pickle Ball  | Burial Hill | NEW Stephens Field (Romano) Balances Remaining |
| Reserved for Open Space  | -                 | 352,074.00                                      |                 | 352,074.00 (26,343.00)                        | (325,731.00)                |              |             |  |
| Reserved for Community Housing                                     | -                 | 352,074.00                                      |                 | 352,074.00 (26,343.00)                        |                             |              |             | 325,731.00                                     |
| Reserved for Historic Resources                                    | -                 | 352,074.00                                      |                 | 352,074.00 (26,343.00)                        |                             |              |             |  |
| Budgeted Reserve / Estimated Annual Revenues                       | -                 | 34,814.00                                       |                 | 34,814.00 1,066,137.73 (425,769.00)           |                             | (120,000.00) |             | 151,046.00                                     |
| Old Articles:  |                   |   |                 |   |                             |              |             |  |
| Town Square  | 47,400.00         |   |                 | 47,400.00                                     |                             |              | (47,400.00) |  |
|  |                   |   |                 |   |                             |              |             |  |
|  |                   |   |                 |   |                             |              |             |  |
|  |                   |   |                 |   |                             |              |             |  |
| <b>Unreserved - for any Purpose</b>                                |                   |   |                 |   |                             |              |             |  |
| Undesignated Fund Balance  | 172,095.71        | (320,000.00)                                    | (853,585.00)    | (1,001,489.29)                                | 751,500.00                  | 22,085.00    | 120,000.00  | 200,000.00                                     |
|  |                   |   |                 |   |                             |              |             | 92,095.71                                      |
| <b>Grand Total</b>   | <b>219,495.71</b> | <b>771,036.00</b>                               |                 | <b>136,946.71</b>                             | -                           | -            | -           | <b>(117,000.00) (390,000.00) 617,055.44</b>    |

|  |                   |                   |
|--|-------------------|-------------------|
| Article Detail:  |                   |                   |
| Pickleball Courts Forges   | Art 16F           | 120,000.00        |
| Burial Hill Gravestone/Monument Conditions Assessment Report & Phase III Restoration Work to Stones/Wall | Art 16G           | 200,000.00        |
| Jenney Pond Park Project   | Art 9A            | 751,500.00        |
| Restoration of Plymouth County Maps  | Art 9C            | 22,085.00         |
| Off Morgan Road Property   | Art 9D            | 80,000.00         |
| <b>Total of Detail</b>   | <b>320,000.00</b> | <b>853,585.00</b> |

## **ARTICLE 9B:**

**ARTICLE 9B:** To see if the Town will vote to authorize the Board of Selectmen to acquire by purchase, gift, eminent domain or otherwise, for open space and recreational purposes pursuant to G.L. c.44B and to accept the deed to the Town of Plymouth of a fee simple interest in land located off Tall Pines Road in the Town of Plymouth composed of 34 acres more or less being shown on Assessors Map 81 lot 3, parcel ID 081-000-003-000, said land to be held under the care, custody and control of the Conservation Commission; and further, to appropriate a sum of money to undertake such acquisition; and to meet this appropriation to transfer a sum of money from Community Preservation Act Fund Reserves or other available funds; and further to authorize the Board of Selectmen to grant a conservation restriction in said property in accordance with G.L.c.44B, Section 12 meeting the requirements of G.L. c. 184, Sections 31-33; and to authorize appropriate Town officials to enter into all agreements and execute any and all instruments as may be necessary on behalf of the Town to effect said purchase, or take any other action relative thereto.

### **COMMUNITY PRESERVATION COMMITTEE**

#### **RECOMMENDATION: Approval \$117,000 (12-0-1)**

The Advisory & Finance Committee recommends Town Meeting approve Article 9B. Approval of this article will appropriate \$117,000 from the Community Preservation Act Fund Reserves for open space and recreational purposes. This acquisition off Tall Pines Road will provide protection to the headwaters of the Eel River and Russell Mills Pond. Protecting Plymouth's sole source aquifer will aid in the protection of the Town's drinking water and help keep Plymouth Harbor clean.



## TOWN OF PLYMOUTH COMMUNITY PRESERVATION COMMITTEE

# MEMO

TO: Town Meeting, Board of Selectmen, and the Advisory & Finance Committee  
From: The Community Preservation Committee  
Date: September 2020  
Re: FALL TM 2020: CPA Article 9B

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**ARTICLE 9B:** To see if the Town will vote to authorize the Board of Selectmen to acquire by purchase, gift, eminent domain or otherwise, for open space and recreational purposes pursuant to G.L. c.44B and to accept the deed to the Town of Plymouth of a fee simple interest in land located off Tall Pins Road in the Town of Plymouth composed of 34 acres more or less being shown on Assessors Map 81 lot 3, parcel ID 081-000-003-000, said land to be held under the care, custody and control of the Conservation Commission; and further, to appropriate a sum of money to undertake such acquisition; and to meet this appropriation to transfer a sum of money from Community Preservation Act Fund Reserves or other available funds; and further to authorize the Board of Selectmen to grant a conservation restriction in said property in accordance with G.L.c.44B, Section 12 meeting the requirements of G.L. c. 184, Sections 31-33; and to authorize appropriate Town officials to enter into all agreements and execute any and all instruments as may be necessary on behalf of the Town to effect said purchase, or take any other action relative thereto.

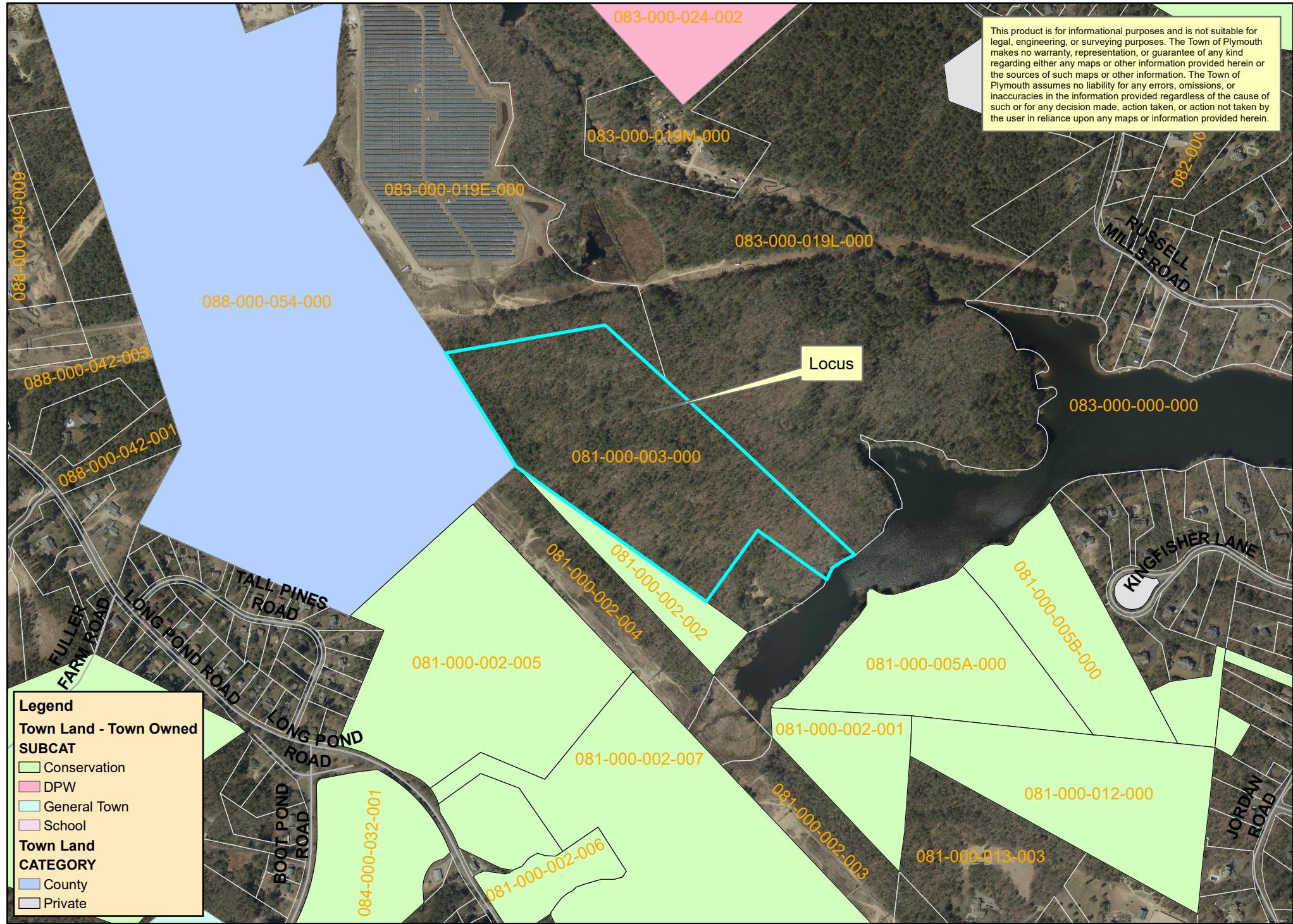
### **COMMUNITY PRESERVATION COMMITTEE**

#### CPC RECOMMENDATION: Approval (unanimous)

The Community Preservation Committee voted unanimously to recommend Article 9B to Fall Town Meeting.

#### SUMMARY & INTENT:

The Community Preservation Committee is recommending the purchase of land off Tall Pines Road for propose for the protection of the headwaters of the Eel River and Russell Mills Pond. Over the last 18 years the CPC has been working with different local, State and Federal organizations for the protection of land around the headwaters of the Eel River. Eel River is the largest freshwater contributory to Plymouth Harbor. Protecting Plymouth sole source water aquifer will aid in the protection the Town's drinking water and will help keep Plymouth Harbor clean. Acquisition cost \$117,000 Open Space.



| Legend                 |              |
|------------------------|--------------|
| Town Land - Town Owned | SUBCAT       |
|                        | Conservation |
|                        | DPW          |
|                        | General Town |
|                        | School       |
| Town Land              | CATEGORY     |
|                        | County       |
|                        | Private      |

081-000-003-000

0 500 1,000 2,000 Feet

82



## **ARTICLE 9C:**

**ARTICLE 9C:** To see if the Town will vote to authorize the Board of Selectmen to acquire by purchase, gift, eminent domain or otherwise, for open space and recreational purposes pursuant to G.L. c.44B and to accept the deed to the Town of Plymouth of a fee simple interest in land located off 126, 120 and 0 Sandwich St in the Town of Plymouth composed of .45 acres more or less being shown on Assessors Map 23 lot 14, 15, 16A, 16D and 17A, said land to be held under the care, custody and control of the Conservation Commission; and further, to appropriate a sum of money to undertake such acquisition; and to meet this appropriation to transfer a sum of money from Community Preservation Act Fund Reserves or other available funds; and further to authorize the Board of Selectmen to grant a conservation restriction in said property in accordance with G.L.c.44B, Section 12 meeting the requirements of G.L. c. 184, Sections 31-33; and to authorize appropriate Town officials to enter into all agreements and execute any and all instruments as may be necessary on behalf of the Town to effect said purchase, or take any other action relative thereto.

**COMMUNITY PRESERVATION COMMITTEE**

### **RECOMMENDATION: Approval \$390,000 (8-4-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 9C. Approval of this article will appropriate \$390,000 from the Community Preservation Act Fund Reserves for open space and recreational purposes. This acquisition will enlarge and enhance the Stephen's Field plan to include easier public access, increased open space, and provide additional parking (including overflow for Town events). The parcels comprise a total of .45 acres located at 0, 120 and 125 Sandwich St abutting Stephens Field and will be held in the care and control of the Conservation Commission.



## TOWN OF PLYMOUTH COMMUNITY PRESERVATION COMMITTEE

# MEMO

TO: Town Meeting, Board of Selectmen, and the Advisory & Finance Committee  
From: The Community Preservation Committee  
Date: September, 2020  
Re: FALL TM 2020: CPA Article 9C

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**ARTICLE 9C:** To see if the Town will vote to authorize the Board of Selectmen to acquire by purchase, gift, eminent domain or otherwise, for open space and recreational purposes pursuant to G.L. c.44B and to accept the deed to the Town of Plymouth of a fee simple interest in land located off 126, 120 and 0 Sandwich St in the Town of Plymouth composed of .45 acres more or less being shown on Assessors Map 23 lot 14, 15, 16A, 16D and 17A, said land to be held under the care, custody and control of the Conservation Commission; and further, to appropriate a sum of money to undertake such acquisition; and to meet this appropriation to transfer a sum of money from Community Preservation Act Fund Reserves or other available funds; and further to authorize the Board of Selectmen to grant a conservation restriction in said property in accordance with G.L.c.44B, Section 12 meeting the requirements of G.L. c. 184, Sections 31-33; and to authorize appropriate Town officials to enter into all agreements and execute any and all instruments as may be necessary on behalf of the Town to effect said purchase, or take any other action relative thereto.

### **COMMUNITY PRESERVATION COMMITTEE**

#### CPC RECOMMENDATION: Approval (unanimous)

The Community Preservation Committee voted unanimously to support Article 9C.

#### SUMMARY & INTENT:

The Community Preservation Committee is recommending the purchase of property. The property is located at 125, 120 and 0 Sandwich St abutting Stephens Field. The acquisition will increase the size, accessibility and active public use of Stephens Field. The population is growing in the Town of Plymouth and access to waterfront parks is limited. The Town has paid for studies and plans over the years that have indicated the importance of increasing public access to waterfront properties. Acquisition cost \$390,000 Open Space.

**Legend**

- █ Subject Property -  $0.45 \pm \text{Ac}$
- █ 14-Foot ROW
- █ Town-Owned Parcel -  $10.01 \pm \text{Ac}$
- █ Adjacent Properties
- █ Protected Land
- Contours (2 ft)

Credits: 2020 Imagery from  
Nearmap Imagery  
map service.

**Base Plan Orthophotograph**

Project Number: MA2710-CG

Date: 07/06/20



Scale: 1" = 100'

0 50 100 200  
Feet

**Payson**  
Plymouth, MA

**LandVest**

This plan is conceptual only and is not  
represented as an engineered plan.

## **ARTICLE 10:**

**ARTICLE 10:** To see if the Town will vote to amend the General By-laws, Chapter 9, "Advisory and Finance Committee," as provided below, with strikethrough language to be deleted:

### **§ 9-8. Reports. [Amended 11-16-1987 STM by Art. 11]**

The report of the Committee to the Annual Town Meeting shall be in print and shall contain a list of the regular annual departmental budget recommendations, subdivided to whatever extent seems advisable to the Committee for a vote by the town, provided that salaries and personal services shall be segregated from other expenses ~~and that any contemplated outlay for departmental equipment in the amount of \$600 or more, but not meeting the definition of "capital projects and improvements" as defined in Chapter 38, Capital Improvements, § 38-2, of this Code, shall be set forth in a consolidated departmental equipment article and subject to a separate vote.~~ Reports of the Committee on all other Town Meetings shall be in such form as the Committee shall deem advisable. Such report of the Committee shall also contain the recommendations of the Committee on all other Town Meeting Warrant Articles. **[Last Sentence added 5-20-06 ATM by Article 36]**, or take any other action relative thereto.

**SELECT BOARD**

### **RECOMMENDATION: Approval Unanimous (12-0-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 10. This article will amend the General By-laws, Chapter 9, "Advisory and Finance Committee," in accordance with the current annual departmental budget practice.

**TOWN OF PLYMOUTH  
26 Court Street  
Plymouth, MA 02360  
(508) 747-1620**

**OFFICE OF TOWN MANAGER  
MEMORANDUM**

---

To: Board of Selectmen  
Advisory and Finance Committee Members

From: Melissa G. Arrighi, Town Manager

Date: September 3, 2020

RE: Article 10 - General Bylaw Change – Change to General Bylaw Chapter 9/Advisory and Finance Committee

*ARTICLE 10: To see if the Town will vote to amend the General By-laws, Chapter 9, “Advisory and Finance Committee,” as provided below, with strikethrough language to be deleted:*

**§ 9-8. Reports. [Amended 11-16-1987 STM by Art. 11]**

*The report of the Committee to the Annual Town Meeting shall be in print and shall contain a list of the regular annual departmental budget recommendations, subdivided to whatever extent seems advisable to the Committee for a vote by the town, provided that salaries and personal services shall be segregated from other expenses ~~and that any contemplated outlay for departmental equipment in the amount of \$600 or more, but not meeting the definition of "capital projects and improvements" as defined in Chapter 38, Capital Improvements, § 38-2, of this Code, shall be set forth in a consolidated departmental equipment article and subject to a separate vote.~~ ....*

*BOARD OF SELECTMEN-*

History: A few years back, the Town moved funds appropriated for departmental equipment into the operating budget, rather than have it be a stand-alone article at town meeting (you may recall the aforementioned Annual Town Meeting Article 8). However, as you can read above in the existing bylaw language, this general bylaw reads that *"any contemplated outlay for departmental equipment in the amount of \$600 or more, but not 'capital' shall be in a consolidated departmental equipment article and subject to a separate vote."*

Current: As noted, the Town now funds departmental equipment in the Budget Article as a separate line item; thus, in essence, it is still being voted on separately. Technically this complies with the bylaw language. However, I think that is ambiguous and open for interpretation as it appears the original intent of the bylaw language was for equipment to be a standalone Town Meeting article. Since the Town stopped doing that some years ago, I think it would be prudent to clean up the language so that it better matches the Town's practice and application.

The amended struck out language above would accomplish that. The Select Board previously was notified of this in the August 18, 2020 Town Manager's Report and voiced no opposition.

Thank you.

## **ARTICLE 11:**

**ARTICLE 11:** To see if the Town will vote to transfer the care, custody, management and control of the parcels listed below as on file with the Town Clerk, along with construction vehicle access and stormwater drainage easements, from the Town Treasurer for tax title purposes to the Conservation Commission for conservation purposes pursuant to G.L. c. 40, section 8C; and further to authorize the Conservation Commission to execute any and all instruments as may be necessary to effectuate the vote taken hereunder,

| <b>Parcel ID</b> | <b>Location</b>       | <b>Legal Reference</b>   | <b>Recording Date</b> |
|------------------|-----------------------|--------------------------|-----------------------|
| 053-000-027A-000 | Off Ellisville        | Final Judgement          | May 26, 1994          |
| 053-000-027B-000 | Road<br>& Landing Way | Book: 12904<br>Page: 227 |                       |

or take any other action relative thereto.

**CONSERVATION COMMISSION**

### **RECOMMENDATION:Approval (10-1-0)**

The Advisory & Finance Committee recommends Town Meeting approve Article 11. Town Meeting approval of this article will transfer the parcels from the Town Treasurer to the Conservation Commission for protection under Chapter 97. Both parcels were taken by the Town through a tax lien proceeding in the mid-90's. The parcels comprise a total of 3.3 acres off Ellisville Road and Landing Way. The Open Space Committee considers these properties highly valuable since they lie within both the FEMA National Flood Hazard Zone and National Heritage Estimated & Priority Habitats of Rare Wildlife.

# Memo

To: Advisory and Finance Committee

From: Plymouth Open Space Committee

Date: August 24, 2020

Re: Fall Town Meeting - Article 11, Conveyance of Tax Title Property

The Open Space Committee is seeking support from the Advisory and Finance Committee for the conveyance of two (2) tax title properties from the Town Treasurer to be held under the care and custody of the Conservation Commission at the upcoming 2020 Fall Town Meeting.

The parcels, shown on the Assessor's Map as 053-000-027A-000 and 053-000-027B-000, are located off Ellisville Road and Landing Way (both deemed as public ways) and are essentially beach lots. Both properties encompass approximately 3.3 acres and are designated as "Unbuildable."

- 1) Both lots were foreclosed through a Final Judgement in Tax Lien Case, dated April 26, 1994 and recorded at the Plymouth Registry of Deeds on May 26, 1994, Book 12904, Page 227.
- 2) These parcels have value for climate change resiliency by providing coastal storm protection to nearby residences.
- 3) The properties fall entirely within FEMA Flood Zone VE (Elevation 16).
- 4) Both properties lie within Natural Heritage Estimated & Priority Habitats of Rare Wildlife and Priority Habitats of Rare Wildlife.
- 5) The Conservation Commission voted in favor of accepting these parcels under Article 97 Protection, along with following special conditions:
  - a) Construction vehicle access will be allowed through a special license from the Town Manager's Office.
  - b) A stormwater drainage easement will be established on Lot 27A, allowing for maintenance/repair of the outfall structure found on the property.

Based on these factors, the Open Space Committee considers these properties highly valuable and recommends protection under Article 97. Thank you.

This product is for informational purposes and is not suitable for legal, engineering, or surveying purposes. The Town of Plymouth makes no warranty, representation, or guarantee of any kind regarding either any maps or other information provided herein or the sources of such maps or other information. The Town of Plymouth assumes no liability for any errors, omissions, or inaccuracies in the information provided regardless of the cause of such or for any decision made, action taken, or action not taken by the user in reliance upon any maps or information provided herein.



053-000-027A-000 & 053-000-027B-000  
Tax Title Properties

Received & Recorded  
 PLYMOUTH COUNTY  
 REGISTRY OF DEEDS  
 26 MAY 1994 09:11AM  
 JOHN D. RIORDAN  
 REGISTER

**COMMONWEALTH OF MASSACHUSETTS**

**LAND COURT**

**SEAL)**

**DEPARTMENT OF THE TRIAL COURT**

Case No. 96776 T.L.

**FINAL JUDGMENT IN TAX LIEN CASE**

**Town of Plymouth**

**vs.**

**Fred Ross, Trustee of Sher-Zall Families Trust**

**JUDGMENT**

This case came on to be heard and was argued by counsel, and thereupon, upon consideration thereof, it is  
 ADJUDGED and ORDERED that all rights of redemption are forever foreclosed and barred under the deed  
 given by the Collector of Taxes for the Town

of Plymouth in the County of Plymouth

and said Commonwealth, dated August 11, 1989 and duly recorded in

Book 9295 Page 179

By the Court (Trombly, Recorder)

Attest:

Jeanne M. Maloney

Dated April 26, 1994

Recorder

ac

Jeanne M. Maloney

DEPUTY RECORDER

Mail to:  
 Coppola and Coppola  
 40 South Street  
 Marblehead, MA 01945

END OF INSTRUMENT

[THIS INSTRUMENT NOT VALID UNLESS RECORDED WITHIN 60 DAYS OF THE \* DATE OF TAKING)  
STATE TAX--FORM 301

INSTRUMENT OF TAKING

THE COMMONWEALTH OF MASSACHUSETTS

Town of Plymouth  
NAME OF CITY OR TOWN

OFFICE OF THE COLLECTOR OF TAXES

I, ..... Edward D. Borgatti....., Collector of Taxes for  
the City of..... Plymouth....., pursuant and subject to the provisions  
of General Laws, Chapter 60, Sections 53 and 54, hereby take for said <sup>City</sup> town the following  
described land:

DESCRIPTION OF LAND

[The description must be sufficiently accurate to identify the premises and must agree with the notice of taking. In the case of  
registered land, the Certificate of Title Number and the Registry Volume and Page must be given.]

Land in said Plymouth on Elliesville Road Wa. shown as Lots 27A  
and 27B on Assessors' Plat 53.

Said land is taken for non-payment of taxes as defined in Section 43 of said Chapter 60  
assessed thereon to..... Harry Sher.....

for the year 19.87., which were not paid within fourteen days after demand therefor made upon  
Harry Sher.....on.....September 16....., 19.88., and now  
remain unpaid together with interest and incidental expenses and costs to the date of taking in the  
amounts hereinafter specified, after notice of intention to take said land given as required by law.

|  |        |          |
|--|--------|----------|
| 19.87 TAXES REMAINING UNPAID . . . . .                       | (bal.) | 2,466.05 |
| INTEREST TO THE DATE OF TAKING . . . . .                     |        | 654.98   |
| INCIDENTAL EXPENSES AND COSTS TO THE DAY OF TAKING . . . . . |        | 18.56    |
| SUM FOR WHICH LAND IS TAKEN . . . . .                        | \$     | 3,139.59 |

WITNESS my hand and seal this.....11th.....day of.....August....., 19.89.  
(DATE OF TAKING)

*Edward D. Borgatti*....., Collector of Taxes for the <sup>City</sup> of..... Plymouth.....  
Edward D. Borgatti.....

THE COMMONWEALTH OF MASSACHUSETTS

.....Plymouth....., 88. ....August 11....., 19.89.  
Then personally appeared the above named..... Edward D. Borgatti.....

and acknowledged the foregoing instrument to be his free act and deed as Collector of Taxes,

before me, *James E. Coppola*....., Notary Public -- *MASSACHUSETTS*  
My commission expires..... August 14....., 19.92..... James E. Coppola - Notary Public - Massachusetts

....., 19....., at.....o'clock and.....minutes.....M.  
Received and entered with..... Registry of Deeds,  
Book....., Page..... Document No....., Certificate of Title No.....

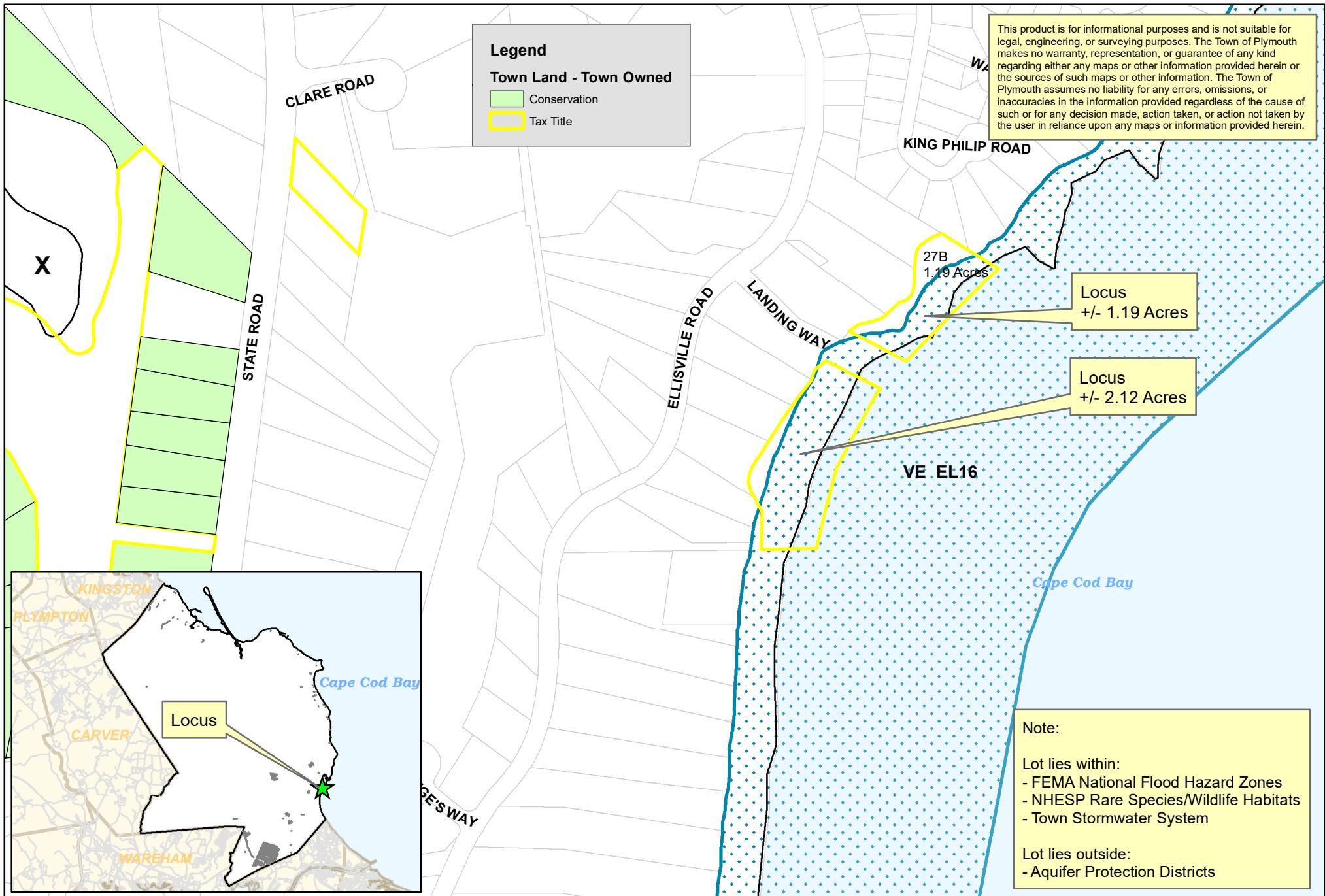
Attest: ..... Register

THIS FORM APPROVED BY THE DEPARTMENT OF REVENUE.

FORM 113A HORSE & WARREN, INC., PUBLISHERS.

REC'D AUG 11 1989 AT 12 15 PM AND RECORDED

9295 RE 179



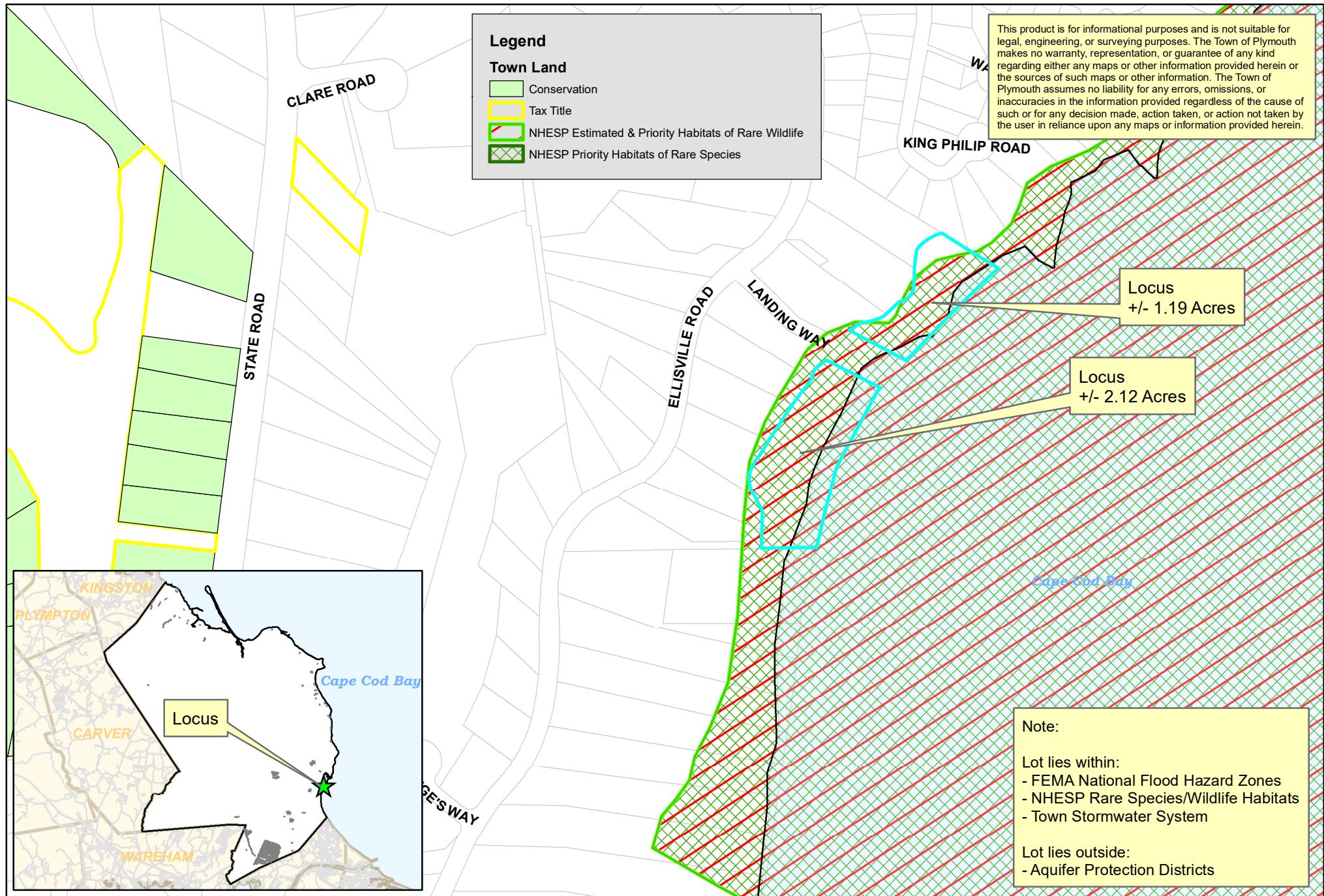
**Tax Title Property**  
**Map 53, Lots 27A & 27B**  
**FEMA Flood Zones - Aug 2020**

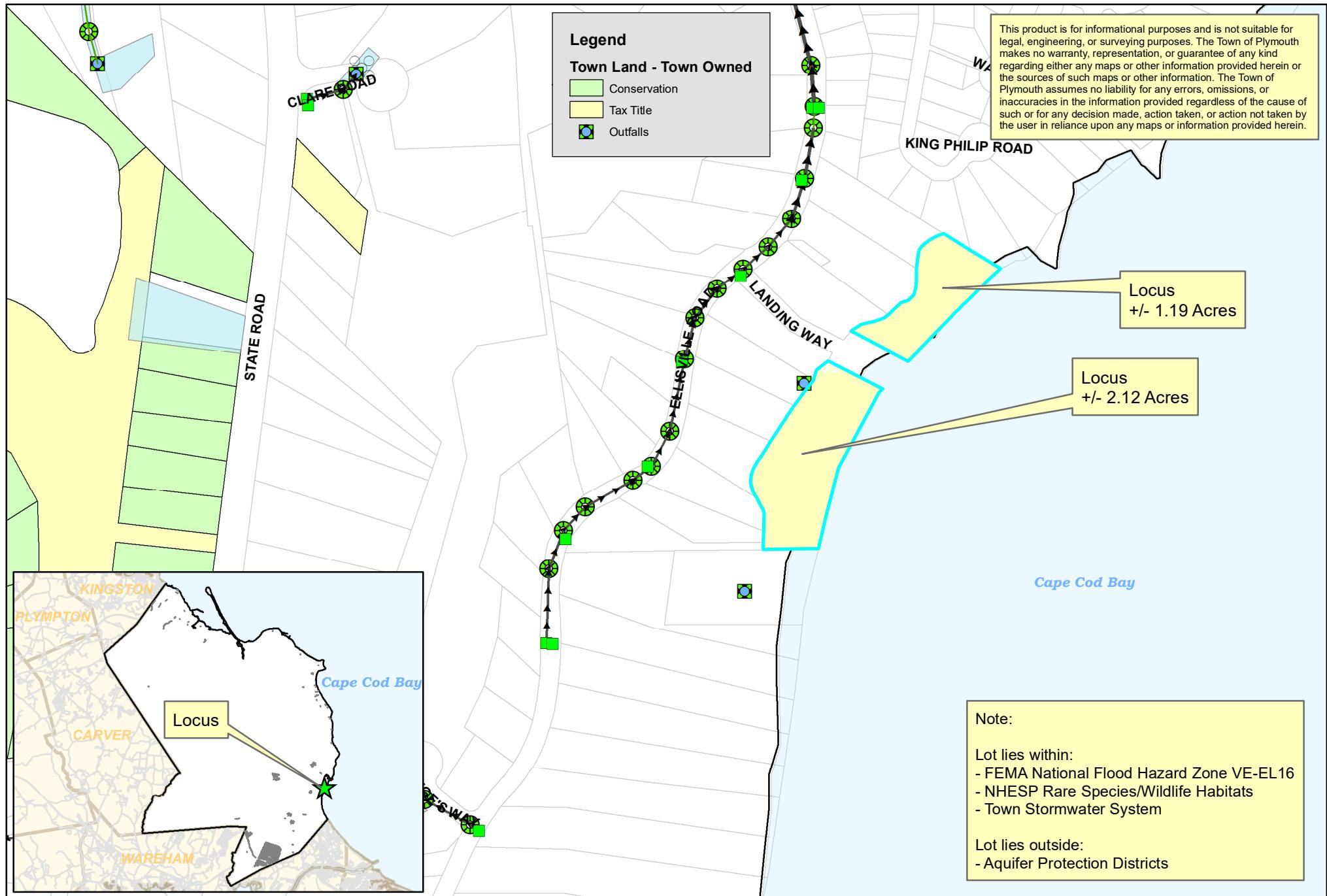
0 250 500 1,000 Feet

Department of Planning  
and Development

93







# Unofficial Property Record Card - Plymouth, MA

## General Property Data

Parcel ID 053-000-027A-000  
Prior Parcel ID --  
Property Owner PLYMOUTH TOWN OF  
Mailing Address 26 COURT ST  
City PLYMOUTH  
Mailing State MA Zip 02360  
ParcelZoning RR

Account Number 59856  
Property Location ELLISVILLE RD  
Property Use Vacant TT  
Most Recent Sale Date 1/1/1994  
Legal Reference 12904-227  
Grantor  
Sale Price 0  
Land Area 11.019 acres

## Current Property Assessment

|              |                  |                       |                    |                     |
|--------------|------------------|-----------------------|--------------------|---------------------|
| Card 1 Value | Building Value 0 | Xtra Features Value 0 | Land Value 149,300 | Total Value 149,300 |
|--------------|------------------|-----------------------|--------------------|---------------------|

## Building Description

Building Style N/A  
# of Living Units N/A  
Year Built N/A  
Building Grade N/A  
Building Condition N/A  
Finished Area (SF) N/A  
Number Rooms 0  
# of 3/4 Baths 0

Foundation Type N/A  
Frame Type N/A  
Roof Structure N/A  
Roof Cover N/A  
Siding N/A  
Interior Walls N/A  
# of Bedrooms 0  
# of 1/2 Baths 0

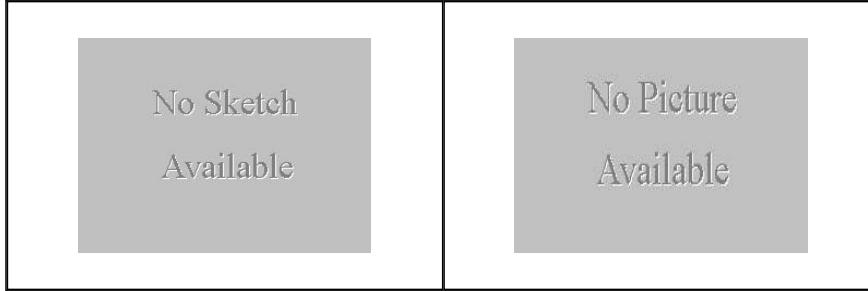
Flooring Type N/A  
Basement Floor N/A  
Heating Type N/A  
Heating Fuel N/A  
Air Conditioning 0%  
# of Bsmt Garages 0  
# of Full Baths 0  
# of Other Fixtures 0

## Legal Description

## Narrative Description of Property

This property contains 11.019 acres of land mainly classified as Vacant TT with a(n) N/A style building, built about N/A, having N/A exterior and N/A roof cover, with N/A unit(s), 0 room(s), 0 bedroom(s), 0 bath(s), 0 half bath(s).

## Property Images



Disclaimer: This information is believed to be correct but is subject to change and is not warranted.

## **ARTICLE 12:**

**ARTICLE 12:** To see if the Town will vote to amend its Zoning Bylaw, Section 206-2. Floodplain Overlay District (FPOD) by adopting revised Flood Insurance Rate Maps (FIRM) for the Town of Plymouth, and a revised Plymouth County Flood Insurance Study (FIS) report as well as associated tables, definitions, procedures and provisions for said District, all as on file with the Town Clerk, or take any other action relative thereto.

### **PLANNING AND COMMUNITY DEVELOPMENT**

#### **NO MOTION NO ACTION**

## **ARTICLE 13:**

**ARTICLE 13:** To see if the Town will vote to amend its Zoning Bylaw, Section 206-1 – “Aquifer Protection District” to revise the Town’s Official Zoning Map to revise the boundaries of the Aquifer Protection District, all as on file with the Town Clerk, or to take any action relative thereto.

### **PLANNING AND COMMUNITY DEVELOPMENT**

#### **RECOMMENDATION:Approval (12-0-0) Unanimous.**

The Advisory & Finance Committee recommends Town Meeting approve Article 13. Approval of this article will amend Plymouth’s Zoning Bylaw, Section 206-1 – “Aquifer Protection District” to revise the Town’s Official Zoning Map to modify the boundaries of the Aquifer Protection District to include a Zone I designation for the new Forges Field well as required by DEP.

2020 Fall Annual Town Meeting

Article 13

FINAL REPORT AND RECOMMENDATION TO  
REVISE THE AQUIFER PROTECTION DISTRICT BOUNDARIES  
ON THE TOWN'S OFFICIAL ZONING MAP

20 SEP 17 A10:19

RECEIVED  
TOWN CLERK'S OFFICE  
PLYMOUTH, MA

DATE OF PUBLICATION OF PUBLIC HEARING:

August 26, 2020

September 2, 2020

September 15, 2020

VOTE: On September 15, 2020, the Planning Board voted (4-0) **to support** the following amendment to the Aquifer Protection map to Town Meeting:

PROPOSED AMENDMENT:

Please see attached map.

NEED AND JUSTIFICATION

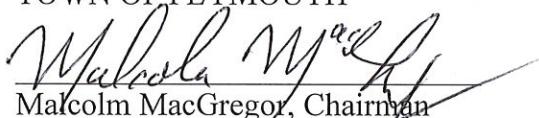
Public drinking water is Plymouth's most valuable natural resource. The amendment seeks to further protect this resource. An aquifer protection "Zone I" is the 400 foot protective radius around a public water supply well. All uses are prohibited in a Zone I, except those structures and uses necessary to extract the groundwater for a public water supply.

In July of 2020, the Forges Field well became operational. As part of the Massachusetts Department of Environmental Protection (DEP) wellhead protection process, DEP requires that the Forges Field Zone I be delineated on the Town's Aquifer Protection District.

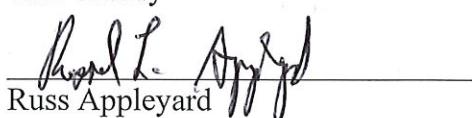
INTENT

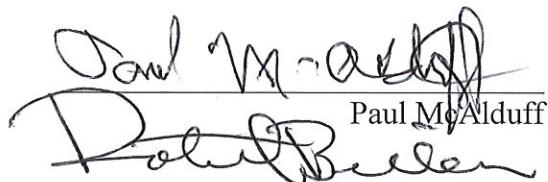
The intent of this amendment is to map the Zone I for Plymouth's new Forges Field well.

TOWN OF PLYMOUTH

  
Malcolm MacGregor, Chairman

Tim Grandy

  
Russ Appleyard

  
Paul McAllduff

Robert Bielen

BEING A MAJORITY OF THE PLANNING BOARD

DATE SIGNED BY THE PLANNING BOARD:

September 17, 2020

DATE FILED WITH TOWN CLERK:

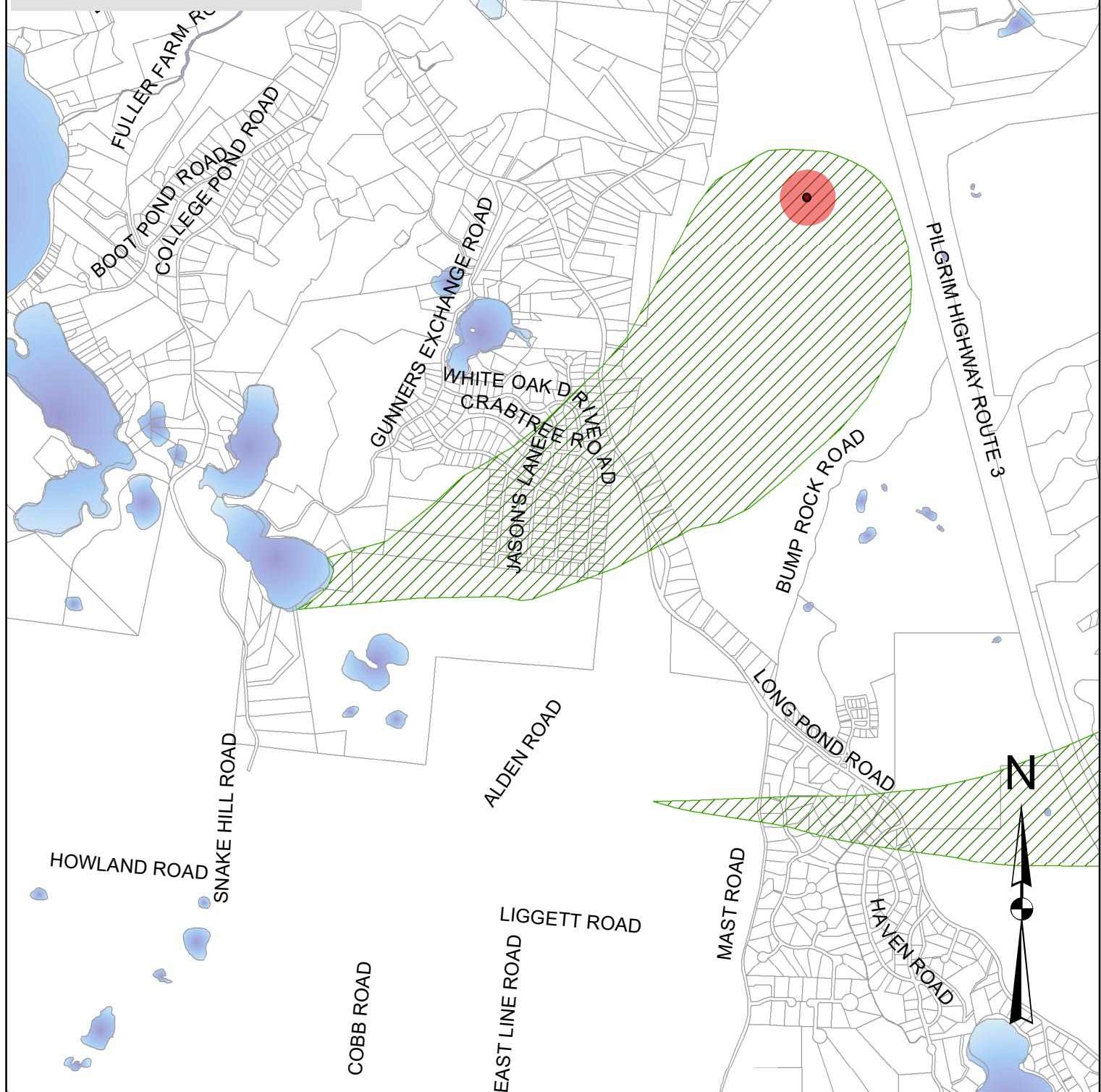
September 17, 2020

c:

Town Clerk  
Board of Selectmen  
Advisory and Finance Committee

## Legend

- Well
- Area 1 - Proposed Zone I
- Area 2 - Zone II



Article 13 - Forges Field Wells Zone I  
2020 Fall Annual Town Meeting