



**Town of Longmeadow**  
Massachusetts  
**Community Preservation Committee**



Telephone 413-565-4110  
Fax 413-565-4112

20 Williams Street  
Longmeadow, MA 01106

www.longmeadow.org

## Application for Community Preservation Act Funding

### Instructions

1. Review attached Community Preservation Act (CPA) funding eligibility, selection criteria (Appendix), and application.
2. Prepare and submit 10 typed and double-sided copies of the application form and project description to the CPC, c/o the Town Clerk's Office, Town Hall, 20 Williams St., Longmeadow, MA 01106.
3. The Community Preservation Committee (CPC) will accept project proposals **through December 3, 2019** for possible consideration at the following Annual Town Meeting.
4. The CPC will review all applications and schedule a meeting with each applicant to discuss its proposal.
  - a. The CPC may ask for more information before deciding to recommend the proposal for funding.
  - b. The CPC may request that you present your proposal at a public hearing.
5. If the project is selected for a funding recommendation, the CPC will submit it to Town Meeting.
6. Town Meeting has the sole authority to fund projects.

*\* Please note that the Committee reserves the right to modify these procedures and timeframe. Emergency applications will be accepted at the discretion of the CPC. The committee reserves the right to reject applications that are incomplete or late.*

### Application Form

For CPC Use: Project # \_\_\_\_\_  
Received on: \_\_\_/\_\_\_/\_\_\_ Received by: \_\_\_\_\_  
Reviewed on: \_\_\_/\_\_\_/\_\_\_ Determination: \_\_\_\_\_

### Applicant Information

Project Title: <b>PUBLIC SHADE TREE REPLACEMENT</b>									
CPA Funding Request: \$ <b>20,000</b>	Total Cost of Proposed Project: \$ <b>20,000</b>								
Applicant Name: <b>LONGMEADOW TREE COMMITTEE</b>	Contact Name: <b>DAVID MARINELLI</b>								
Mailing Address: <b>9 OVERBROOK LANE</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Community Preservation Act Category</td> <td style="width: 50%; text-align: center;">Community Housing</td> </tr> <tr> <td style="text-align: center;">Historic Preservation</td> <td style="text-align: center;">Historic Preservation</td> </tr> <tr> <td style="text-align: center;">Open Space</td> <td style="text-align: center;">Open Space</td> </tr> <tr> <td style="text-align: center;">Recreation</td> <td style="text-align: center;">Recreation</td> </tr> </table>	Community Preservation Act Category	Community Housing	Historic Preservation	Historic Preservation	Open Space	Open Space	Recreation	Recreation
Community Preservation Act Category		Community Housing							
Historic Preservation		Historic Preservation							
Open Space		Open Space							
Recreation	Recreation								
City, State, Zip Code: <b>LONGMEADOW, MA 01106</b>	<i>Please check all that apply:</i>								
Phone/Fax: <b>413 567 2164</b>									
Email &/or Website: <b>dmarinel@comcast.net</b>									

**Please attach a project description and budget, as indicated on page 2.**

## Public shade tree replacement project

### Project Description

- 1) Goal: The goal of this project is to plant public shade trees along Longmeadow's rights-of-way.
- 2) Community Need: Over the last decade, Longmeadow has lost thousands of street trees to storms or hazardous condition. Extrapolation of data from partial inventories performed in 2014 and 2015 suggest that as many as 6000 trees have been lost. Important community benefits of trees:
  - A) Trees reduce the heat island effect by shading surfaces that would otherwise heat up with solar radiation. They also provide significant environmental cooling by evapotranspiration. They hold droplets of dew and rainwater on their leaf surfaces, which then evaporate and cool the environment. Once the leaf surfaces have dried, trees draw water from the earth and continue to transpire, further cooling the environment by as much as 8 degrees Fahrenheit. This reduces local energy demand for indoor air-conditioning.
  - B) Trees significantly reduce stormwater runoff. A large mature tree can transpire up to 300 gallons of water per day. This reduces flooding and the expense of stormwater management.
  - C) Air pollutants are removed from the environment when they adhere to the leaf surfaces.
- 3) Community Support: The DPW maintains a waitlist of Longmeadow property owners who have agreed to care for public shade trees adjacent to their property. Currently there are more than 60 property owners waiting for over 100 replacement trees. The list grows each time trees are planted.
- 4) Action Plan and Timeline: If funding is approved, trees will be planted in the fall of 2020, and in the spring of 2021. Bare-root trees with a caliper range of 1.0 to 2.5 inches will be purchased whenever possible. Fabric growbag, container and ball-and-burlap trees may also be purchased if desirable species are not available in bare-root form. Species will be chosen with a goal of increasing the diversity and sustainability of Longmeadow's tree canopy.
- 5) Maintenance: Drip irrigation bags will be provided for two growing seasons. Homeowners will receive instruction on watering street trees. Any trees planted on the Longmeadow Green or traffic islands will be watered by a DPW employee or forestry worker with the town's watering truck.
- 6) Preservation: No deed restrictions are anticipated.

### Budget

- 1) Budget: During the fall 2019 planting season, bare root trees cost an average of \$95, with shipping, and non-bare-root trees cost an average of \$138. Labor and mulch to install both types averaged \$168. 162 trees were planted. Drip irrigation bags cost \$20 apiece. Assuming an increased expense of 10% predicts an FY2021 cost of \$330/tree installed. We seek \$20,000 to support the planting of 61 trees in FY2020.
- 2) Other Funding: The Tree Warden has applied for, but not yet been awarded a \$25,000 tree planting matching grant from the Massachusetts Department of Conservation and Recreation. Fall Town Meeting approved an appropriation of \$25,000 for tree planting in the spring of 2020. The DPW budget normally includes about \$25,000 for tree planting. The Tree Warden has the capacity to evaluate and choose about 300 planting sites per year, divided between the spring and fall planting seasons.
- 3) Mandated 'Construction' expenses: Trees will be professionally planted by nursery workers at prevailing wage, under the direction of the Tree Warden and Tree Committee.