



# Town of Lexington - FY2022-26 Capital Improvement Project

**Project Name:** Public Grounds Irrigation Improvements

**Date:** 9/23/20

**Project ID:** DPW-22-8 **Department:** Department of Public Works

**Revised:**

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### Description of Project:

FY2022 - No funding request. The FY2024 funding request is for \$200,000 (\$120,000 tax levy and \$80,000 CPA). The updates to the systems will implement new technology and allow the irrigation to be more targeted on the turf areas and will result in less water usage. Items will include valves, irrigation heads, controllers, and water lines. Public Grounds areas include the Battle Green, Hastings Park, Emery Park, Cary Hall, Town Hall Complex, etc.

### Justification/Benefit:

Water is essential for turf to grow, recover and thrive. It is especially important for seed establishment and aesthetics. This system will allow us to conserve water while continuing to provide aesthetically pleasing turf areas.

### Impact if Not Completed:

Lack of proper irrigation will lead to deteriorating turf which will lead to higher maintenance costs and to unsightly appearances and also lead to increased water usage.

**Timeframe:** FY2024 construction season

**Replacement Frequency:**

**Basis for Cost Projections:** Estimate obtained from vendor based on 2018 bid Smart Water Management.

**Stakeholders:** Residents, Non-Residents, Town Staff

**Operating Budget Impact:** Reduced staff time for turf maintenance, and reduced costs for water usage.

**Funding Source:** Cash Capital, CPA

### Prior Authorizations:

Town Meeting	Description	Authorized	Expended*	Encumbered*	Remaining*	Returned
2018/10E	Public Grounds Irrigation Improvements	\$ 100,000	\$ —	\$ —	\$ 100,000	\$ —
<b>Totals</b>		<b>\$ 100,000</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ 100,000</b>	<b>\$ —</b>

*\*Data current as of October 22, 2020.*

**Funding Request:**

	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>
Site Acquisition					
Design/Engineer					
Project Management					
Construction			\$ 200,000		
Equipment					
Contingency					
<b>Totals</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ 200,000</b>	<b>\$ —</b>	<b>\$ —</b>
CPA Amount	\$ —	\$ —	\$ 80,000	\$ —	\$ —