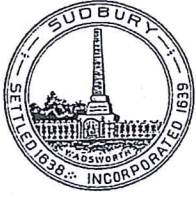


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# Town of Sudbury

## Community Preservation Committee

BY: RP

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cpc@sudbury.ma.us

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### PROJECT SUBMISSION FORM

10/4/23

Applicant: Rick Alexander, Project and Construction Admin.

Submission Date:

Group or Committee Affiliation (if any): Public Works Department

Applicant Address:

275 Old Lancaster  
Sudbury, MA 01776

Purpose (please select all that apply):

- Open Space & Recreation
- Community Housing
- Historic Resource

Applicant Email & Phone Number:

AlexanderR@Sudbury.ma.us  
978-440-5489

Project Manager Email & Phone Number: AlexanderR@Sudbury.ma.us  
978-440-5489

Project Name: Wayside Inn Road Bridge over Hop Brook tributary (located in the Wayside Historic District)

Project Description: Construction funds to repair the Wayside Inn Road Bridge superstructure over Hop Brook tributary which is located approximately 1,000 feet westerly from the Wayside Inn. The structure is located within the Wayside Inn Historic District. Construction shall include replacement/repair of the parapet walls, portions of the bridge deck, guardrail, pavement, grading, loam, seed and associated work.

Costs:

Fiscal Year	Total Project Cost	CPC Funds Requested	Other Funding Sources (Amount and Source)
2025	\$400,000	\$400,000	
2026			
2027			
2028			
2029			
<b>Total</b>			

How does this project meet the General Criteria and Category Specific Criteria for Community Preservation Committee projects (see attached)?

See attached supplemental sheet

2023 OCT - 6 | PM 12: 04  
TOWN CLERK  
SUDBURY, MASS

Does this project fall within the jurisdiction or interest of other Town Boards, Committees, Commissions, or Departments? If so, please list the boards, committees, commissions, or departments, whether applications and/or presentations have been made, and what input or recommendations have been given.

Historic District Commission (located within the Wayside Inn Historic District)

For Community Preservation Committee Use:

Form Received On: \_\_\_\_\_

Project Presented to CPC On: \_\_\_\_\_

Reviewed By: \_\_\_\_\_

Determination: \_\_\_\_\_

**How does this project meet the General Criteria and Category Specific Criteria for CPC projects?**

This project will enhance the aesthetics of the Wayside Inn Historic District by reconstructing the portions of the bridge visible from the street and surroundings. The existing span of this structure triggers review by MassDOT under M.G.L. chapter 85 section 35. Therefore the parapet walls and guardrails need to meet specific design criteria to sustain an impact by a motor vehicle. Structural design will provide the requisite crash rating while restoring the historic appeal to the bridge in the Wayside Inn Historic District.

The westbound parapet wall on the Wayside Inn Road Bridge was severely damaged as a result of a motor vehicle accident on July 4, 2019. Immediately following this accident the Public Works Department installed temporary barriers at the edge of the bridge deck. Additionally, the Public Works Department had the bridge re-inspected by MassDOT. Results of the inspection concluded that, in its post-accident condition, the *“unpinned temporary barriers in place cannot satisfactory address the safety concerns for the site. It is our (MassDOT’s) recommendation that temporary barriers and bridge approach transitions that have been crash tested for a test level consistent with the level of service of roadway be installed as soon as possible. The conditions as they exist are considered unsafe and should remediated immediately”*.

Knowing the bridge is in the Wayside Inn Historic District, the Public Works Department filed an application with the Historic Districts Commission (HDC) to replace both the eastbound and westbound parapet walls meeting MassDOT c.85 standards. The proposal by the Public Works Department is to provide a stone veneer wall anchored to a powder-coated steel guardrail “system” to provide an aesthetically appealing and historic-looking bridge superstructure while also meeting the crash-standards required under MGL c.85. The parapet wall and guardrail barrier together forms the entire “system”. For this type of bridge parapet wall system, the wall and guardrail are to be considered one system. These components work together to form the entire “barrier”.



