



Town of Concord | Community Preservation Committee  
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## CPA FUNDED PROJECT STATUS REPORT

Project Name: Assabet River Pedestrian Bridge Design & Permitting Project Number: 4-17

1. What percentage of the project has been completed? 40%

2. Describe work completed to date:

The work completed to date as part of this CPA project is in February 2019, a detailed site survey of this section of the River was completed to determine the location of the top of bank, bordering vegetated wetlands (BVW) and utilities.

3. What key project milestones have been reached?

In January 2017, Greenman-Pedersen, Inc. (GPI) finished the Assessment & Feasibility Study for a pedestrian bridge over the Assabet River in West Concord. Four crossings along a 1,000-foot section of the Assabet River were analyzed to determine potential river impacts, alignment issues, and pedestrian travel times. The report assessed three main structural types (truss, beam, and trestle) and compared them based on performance characteristics, constructability, and costs that range from \$2M to \$3.6M. The study results concluded that a trestle type bridge offers the least expensive option but the greatest number of supports within the river floodway, the truss style bridge would provide the fewest supports within the river floodway at a mid-range cost, and the beam structure provides an equally low number of supports but at the highest cost. The completion of the survey work in February 2019 is required to move forward with location selection and preliminary design.

4. Expenditure Report:

a. What is the date your project began or will begin spending CPA funds? August 2018

b. Briefly account for the amount of CPA funds expended to date:

The surveying, wetland delineation and creation of a stamped survey plan cost \$20,000

5. Describe remaining work and projected timeline:

Based on the information in the feasibility study and the site survey, Town staff have determined that a truss style bridge in Location #3 has the least amount of BVW impact, shortest length in the floodplain, and second shortest length in the floodway, leading to a higher potential for approval by the various Federal, State and local agencies during the environmental permitting process. In addition to the environmental permitting process, the Town will need approval from the Sudbury, Assabet, Concord Wild & Scenic River Stewardship Council. Each crossing location will be subject to a review by the Council, but the final bridge aesthetics and type will need to be coordinated through them. To that end, the Planning Division received a proposal from an architectural firm, La Dallman Architects Inc., to conduct a community visioning session to explore refinements to the bridge location, connections to surrounding pedestrian infrastructure, structural type and articulation, design aesthetic, materials and lighting. The Consultant would receive input from the Town, public, adjacent property owners and various stakeholders, conduct a site visit and public meeting with the goal of creating a design that maximizes the investment for the community in terms of connectivity, accessibility, safety and sustainability.

6. What is the expected project completion date? June 2019

Name of person who completed this form: Elizabeth Hughes, Town Planner Date: March 13, 2019

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