



**CITY OF BRISTOL
BOARD OF FINANCE AGENDA REQUEST FORM**

To: Board of Finance Commissioners

From: Public Works
(Requesting Department)

Date: May 29, 2021
(Submission Date)

For the June 8, 2021 Board of Finance Meeting Agenda
(Date of Meeting)

This request is for:
(Please check the type of request and list in whole dollar amounts)

Additional Appropriation \$ \$750,000

Transfer from Contingency \$ _____

Transfer(s) \$ _____

Grant \$ _____

Carry-over(s) \$ _____

Other

Approval:

This request was approved by the Board of Public Works
(governing Board of your department)

at its meeting held on June 3, 2021.
(date)



(Department Head's signature)

All requests to appear on the Board of Finance meeting agenda for consideration must be submitted to Jodi McGrane in the Comptroller's Office by 10:00 a.m. Monday of the preceding week of the meeting. Board of Finance Meetings are held on the fourth Tuesday of each month at 5:30 p.m. in the Council Chambers.

Board of Finance Agenda Request Form

1. Reason for request:

The Department of Public Works is managing the project to replace the collapsed retaining wall located on the western end of Memorial Blvd Park for the Park Department. The wall is located along the Pequabuck River.

The section of wall that collapsed last fall is 140 LF in length and approximately 8 ft. high. The length of the enter wall is 593 ft. and extends just east of the collapsed section west to the NAPA building.

The City hired the engineering firm of Benesh Inc. to design the replacement wall. Prior to the completion of the design, DPW estimated the need to replace the collapsed wall section (approximately 200 ft. of the 593 ft. wall) and the need to provide additional support to the remaining wall sections with the use of deadman at a cost of \$780,000.

As part of the services of Benesh Engineering they inspected the entire length of the wall and evaluated several options to replace and/or support the wall. One of the primary design considerations was scouring at the footing of the wall along the river. As a result of high water velocities and the high potential of eroding soil below the retaining wall the footings are designed to be 4 feet below the bottom of Pequabuck River bed. Soil boring performed as part of the design dictated the need of sheet piling during construction. In addition, as indicated in the attached correspondence based on Benesh Engineers assessment the entire 593 ft. wall must be replaced. The use of deadman will not provide adequate support to the existing wall due to scour.

It should be noted that the cost to place approximately 200 ft. of retaining wall of similar height adjacent to the west end parking lot cost the City approximately \$165,000, but the footing were not installed below the river bottom and scour was addressed with placement of surge stone along the river edge.

The City received three bids to replace the wall with the lowest bid received by Trademark Construction in the amount / adjusted to replace the entire 593 lf retaining wall of \$1,500,000, therefore the DPW is requesting an additional appropriation of \$750,000.

The project also includes the removal and replacement of nine memorial trees adjacent to the retaining wall. The replacement/ new trees will be 15-18 ft. in height.

One of the City's goal/concern is to complete installation of the retaining wall prior to the 100 year centennial celebration of the Mem Blvd Park.

Additional Appropriation

3023015-491002-21C12	Sale of Bonds	\$750,000
3023015-570300-21C12	Infrastructure Improvements Mem. Blvd- Retaining Wall	\$750,000