



TOWN OF MERRIMACK INTER-DEPARTMENT COMMUNICATION

DATE: May 3, 2024

AT (OFFICE): Department of Public Works

TO: Paul Micali
Town Manager

FROM: Leo Laviolette, PE
Deputy Director Public Works

SUBJECT: Release of Capital Reserve Funds for the Souhegan River Trail
Account no. 01-08-8910

The Department of Public Works is requesting the release of \$191,370.68 for construction Change Orders 1 through 3 and CE Amendment #1, from the Capital Reserve Funds to perform the additional work below on the Souhegan River Pedestrian Trail.

- 1) Change Order Number 1: Change Order #1 is for the costs to construct a reinforced concrete wall and footing in place of a decorative block wall, column and helical pile. The reason for this change is due to the ledge found beneath the column are which would negate using a helical pile. It also provides significant support to the Chamberlain Bridge by fully supporting Beam #6 and better supporting Beam #7. The cost of Change Order #1 is \$17,962.00

- 2) Change Order Number 2: Change Order #2 is for the following features:
 - a. The addition of a reinforced concrete column beneath Beam 7.
 - b. A flood control berm between the former head gate and wetland areas. This is due primarily from erosion of the river bank from the time the surveys were conducted until construction began. The berm reinforces the bank to help stop future erosion.
 - c. Removal of the retaining wall and graded slope up towards the fire station.
 - d. Increases and decreases in various item quantities to date based upon the amounts used in the field.
 - e. This change order includes an assumed quantity for helical piles (used to support the elevated walkway) which are based upon the geotechnical data obtained this winter. Helical piles in the original contract were only estimated amounts based on limited data. The helical piles are used to support the boardwalk. After performing geotechnical borings across the wet meadow, it was discovered that the ledge is closer to 20 feet below ground surface versus the assumed depth of 8ft.

The cost of Change Order #2 is \$81,997.94

- 3) Change Order Number 3: Change order #3 is for an upgrade to the guard rail along Daniel Webster Highway. The design was based upon previous regulations and therefore needed to be updated to current standards. The cost of this Change Order #3 is \$15,815.63

- 4) Construction Engineer Amendment #1: Due to the added time that occurred for design of the changes above and the fabrication time for railings, the contract has been extended into August for final completion. The extended schedule requires that the construction engineer remain onsite for an additional 11 weeks. This amendment covers the labor costs for the onsite inspector and participation in the regular project meetings. The cost of Amendment #1 is \$75,595.11

Total cost of CO#1, CO#2, and CE Amendment #1 will be \$191,370.68. The DPW has verified that the NHDOT will pay for 80% (\$153,096.54) and the Town of Merrimack would pay 20% (\$38,274.14).

Should you have any questions please let me know,

Leo Laviolette

CC: Dawn Tuomala, Director

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