



CITY OF CONCORD

REPORT TO THE MAYOR AND CITY COUNCIL

FROM: David Cedarholm, PE, City Engineer

DATE: November 25, 2019

SUBJECT: Resolution appropriating the sum of \$708,760 for the purpose of design, permitting, acquisition of right-of-way, and bidding of the Loudon Road Bridge Rehabilitation Project (CONCORD #41212, CIP #588), including accepting \$566,960 in New Hampshire Department of Transportation State Bridge Aid Program funds, and appropriating \$141,800 by authorizing the issuance of bonds and notes.

Recommendation

Accept this report and set the attached resolution accepting and appropriating funds for the design, permitting, acquisition of right-of-way, and construction of the Loudon Road Bridge Rehabilitation Project for a public hearing on January 13, 2020.

Background

The Loudon Road Bridge, also listed as New Hampshire Department of Transportation Department of Transportation (NHDOT) Bridge Number 163/111, is known as the World War II Veterans Memorial Bridge. The bridge deck is presently rated in 'Poor' condition while the superstructure is rated in 'Fair' condition. The deck condition places the Loudon Road Bridge on the NHDOT's Municipal "Red List" of priority bridges in need of rehabilitation or replacement. The Loudon Road corridor is a critical transportation link between the central core of the City and the Heights neighborhood east of the Merrimack River. Significant disruption of regional traffic would likely occur if the bridge was allowed to continue to deteriorate, and the result would be restricted use or closure of sections of Loudon Road. The bridge has been programmed by the NHDOT to receive funds from the surplus funds available in HB1817 as project number 41212. Given the deteriorating condition of the bridge deck, and the bridge's status on the State's "Red List", it was programmed for rehabilitation in both the State's 10-Year Transportation Improvement Program (STIP) and the FY2020/21 Concord Capital Improvement Program (CIP).

Discussion

The FY2020 CIP identifies this project as CIP #588, which includes the design, permitting, acquisition of right-of-way, and construction for a rehabilitation of bridge deck and other amenities on the Loudon Road Bridge over the Merrimack River. The bridge is owned and maintained by the City of Concord.

With State Bridge Aid funds committed for this project, as well as CIP programming by the City of Concord, funds must be accepted and appropriated to start the project. The total project cost including construction is currently estimated at \$8,100,000 and this amount has been approved for funding by NHDOT using 80% State Bridge Aid funds with a 20% local match. However, per the FY2020 CIP work plan, the funds are initially limited to the engineering design, right-of-way acquisition, and bidding in FY2020, with the remaining funds for construction programmed in FY2021. The total fees for engineering design, right-of-way acquisition, and bidding is estimated at this time to be \$708,760. The City of Concord Engineering Division will manage the overall project with NHDOT, and the City's on-call consultant, HDR Engineering, Inc., is prepared to perform the engineering design.

Therefore, it is recommended that the City Council accept this report and approve the resolution appropriating the sum of \$708,760 for the purpose of design, permitting, acquisition of right-of-way, and bidding of the Loudon Road Bridge Rehabilitation Project, including accepting \$566,960 in New Hampshire Department of Transportation State Bridge Aid Program funds, and appropriating \$141,800 by authorizing the issuance of bonds and notes.

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