



# 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 \$230,000 for the purpose of supplementing the design and construction of the North Pembroke Road Bridge Replacement Project (CONCORD-PEMBROKE 14841, CIP #478), including accepting \$184,000 in New Hampshire Department of Transportation State Bridge Aid Program funds, accepting \$46,000 in local grant match donations from the Town of Pembroke, NH.

### **Recommendation**

Accept this report and set the attached resolution accepting and appropriating the sum of \$230,000 for the final design and construction of the North Pembroke Road Bridge Replacement Project for a public hearing on January 13, 2020.

### **Background**

The North Pembroke Road Bridge has been on the State's "Red List" for some time and was programmed for replacement in both the FY2017 State 10-Year Transportation Improvement Program (STIP) and the included in the FY2017 Concord Capital Improvement Program (CIP) CIP #479. Supplemental funds in the amount of \$230,000 were incorporated into the FY2019 CIP budget, and it is these funds that are being requested for appropriation to finalize the design and move toward construction of the new bridge.

### **Discussion**

The FY2017 CIP work plan identified this project as CIP #478 which includes the design, permitting, acquisition of right-of-way, and construction for a replacement bridge structure on North Pembroke Road over the Soucook River. The bridge is jointly owned by the City of Concord and the Town of Pembroke and previous agreements including the sharing of

major repair costs and ongoing maintenance have been in place since its original construction.

With State Bridge Aid funds committed for this project, as well as CIP programming by both the City of Concord and the Town of Pembroke, funds must be accepted and appropriated to start the project. In 2017, the total project cost was estimated at \$1,850,000 and the State agreed to fund 80% (\$1,480,000) of the project using State Bridge Aid funds, which requires local matching funds of 20% (\$370,000). Per agreement with the Town of Pembroke, the local share split is \$330,000 by the Town of Pembroke and \$40,000 by the City of Concord. The City of Concord agreed to manage the overall project with NHDOT. The Town of Pembroke funds have been raised and placed in a highway reserve fund, and are ready for use.

After refinement of the design in 2018, the estimated replacement cost of the bridge increased by \$230,000 for an estimated total cost of \$2,080,000 for engineering design and construction.

Therefore, it is recommended that the City Council accept this report and approve the resolution appropriating the sum of \$230,000 for the purpose of supplementing the design, permitting, acquisition of right-of-way, and construction of the North Pembroke Road Bridge Replacement Project, including accepting \$184,000 in New Hampshire Department of Transportation State Bridge Aid Program funds, accepting \$46,000 in local grant match donations from the Town of Pembroke, NH.

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