

**PROJECT: MECHANIC STREET BRIDGE #120-115 REPLACEMENT**

**DEPARTMENT:** Public Works  
**PROJECT TITLE:** Mechanic Street Bridge #120-115 Replacement  
**PURPOSE OF PROJECT REQUEST FORM:** CONTINUATION OF AN ONGOING PROJECT  
**DEPARTMENT PRIORITY:** MAINTENANCE  
**LOCATION:** Mascoma Street between Hanover Street and High Street (foot of Benton Hill).  
**DESCRIPTION / JUSTIFICATION:** This Bridge has deficiencies and the deck and the expansion joints are rated severe. There are other components that are rated substandard. This project has been allocated for funding previously but will be constructed next year with updated construction cost estimates. This project was recommended from NHDOT to be a stand-alone project and to be completed prior to the Mechanic Street Reconstruction Project even though it abuts the beginning of the Mechanic Street Road project. Funding sources for the bridge and road projects are different, State Bridge Aid vs. Federal Funding. The intent was to construct the bridge prior to the road will save money and resources as well as alleviate the construction conflicts with traffic and coordination during the CSO and Mechanic Street project. There has been many hold-ups in the environmental review at the State/Federal level and construction will now occur the Spring of 2017. During discussions with Council – different railings vs. the standard NHDOT bridge rail was requested. Different design elements, materials and construction will need to be incorporated into the project to account for this- this may not be supported by NHDOT but 100% on the City for this portion. Discussions are being held with NHDOT. The costs associated with the rail is included in this request as well as additional construction administration time and contingency due to the traffic concerns in this area and how it may affect the pricing from the contractor’s bids.

**FINANCIAL PLAN AND PROJECT SCHEDULE:**

	<u>Prior</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2017-2022</u>	<u>Total</u>
EXPENDITURES									
Design and Engineering	\$149,100	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000	\$224,100
Construction/Implementation	\$1,180,000	\$225,000	\$0	\$0	\$0	\$0	\$0	\$225,000	\$1,405,000
<b>TOTAL</b>	<b>\$1,329,100</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$1,629,100</b>

2017 - 2022 CAPITAL IMPROVEMENT PROGRAM

Lebanon, New Hampshire

PROJECT: MECHANIC STREET BRIDGE #120-115 REPLACEMENT

		Prior	2017	2018	2019	2020	2021	2022	2017-2022	Total
FUNDING										
Current (Operating Budget)	General Fund	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
Debt Supported By:	Property Taxes	\$236,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$236,000
New Hampshire Department of Transportation										
Grants		\$1,024,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$240,000	\$1,264,000
Existing Funds	Unappropriated Interest	\$49,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$49,100
Transfer from Previously Appropriated and Funded Capital Project(s)										
		\$0	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000	\$60,000
	<b>TOTAL</b>	<b>\$1,329,100</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$1,629,100</b>
FUNDING SUMMARY										
Current		\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
Debt		\$236,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$236,000
Grants		\$1,024,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$240,000	\$1,264,000
Existing Funds		\$49,100	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000	\$109,100
	<b>TOTAL</b>	<b>\$1,329,100</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$1,629,100</b>
RESPONSIBLE FUND:										
General		\$1,329,100	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000	\$1,629,100
	<b>TOTAL</b>	<b>\$1,329,100</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$1,629,100</b>

FINANCIAL RECAPITULATION:

Source of Funding												
Year	Budget	Debt	Operating Budget	Capital Reserve Fund	Grant	Existing Funds	Other	Total	Expended (To Date)	Encumbered	Budget Balance	Funded Balance
2015 - 2014	\$808,933	\$0	\$20,000	\$0	\$0	\$78,933	\$0	\$98,933	\$40,078	\$96,582	\$672,273	(\$37,727)
2015	\$150,167	\$0	\$0	\$0	\$0	(\$29,833)	\$0	(\$29,833)	\$121,574	\$15,482	\$822,044	(\$67,956)
2016 (7/22)	\$370,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134,203	\$2,853	\$1,192,044	(\$67,956)
	<u>\$1,329,100</u>	<u>\$0</u>	<u>\$20,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$49,100</u>	<u>\$0</u>	<u>\$69,100</u>				