

CENTRAL STREET BRIDGE REPLACEMENT Project Information

Summary Statement: The primary purpose of the project is to replace the existing steel truss bridge because it nears the end of its lifespan in terms of structural adequacy. The bridge continues to deteriorate in the form of steel rusting, mostly occurring below the deck level at the beams and truss chords.

All project costs are funded with 80% State Bridge Aid. The remaining costs are shared equally by Bristol and New Hampton. The Design Phase is almost complete and has already been funded. This year's warrant article is attributed to the Construction Phase, which is the final phase of this project.

Existing Bridge Width: 18 feet, between curbs (no sidewalk)

New Bridge Width: 28 feet, between curbs (plus a 6' sidewalk)

New Bridge Length: 240 feet (same as existing bridge)

Total Length of Road and Bridge Improvements: 895 feet (318' at Bristol approach, 240' feet bridge, 337' at New Hampton approach)

Bridge Type: The new bridge will be made with steel plate girders and a concrete deck, supported on reinforced concrete abutments.

Elevated Above the Flood Level: The new road will be above the elevation of the highest flood of record (highest flood – 375.7', new road - 377.4' existing road - 370.2')

Construction Duration: Estimated at 14 to 16 months. (Projected start July 2007)

Estimated Cost for Construction Phase: \$4,500,000 Cost sharing (80% State, 10% Bristol, 10% New Hampton)			
State of NH	Bristol	New Hampton	Total
\$3,600,000	\$450,000	\$450,000	\$4,500,000