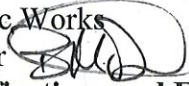


TOWN OF NATICK MASSACHUSETTS

JEREMY T. MARSETTE, P.E.
DIRECTOR

WILLIAM E. MCDOWELL, P.E.
TOWN ENGINEER

MEMORANDUM

To: Board of Selectmen
cc: Melissa Malone, Town Administrator
Bill Chenard, Deputy Town Administrator – Operations
Jeremy Marsette, P.E., Director of Public Works
From: Bill McDowell, P.E., Town Engineer 
Re: South Main Street Final plans, Specifications and Estimate
Date Sept 9, 2019

The Town's design consultant, Green International Associates, Inc., have delivered the finished design plans for the South Main Street project, including the engineer' estimate for construction (attached)

As noted in the attached estimate, the anticipated cost of construction for the base bid is \$ 3,490,382.90. With a 10% contingency, this estimate is raised to \$ **3,839,420.90**.

The test pits requested and performed by the consultant eliminated some proposed utility relocations, which resulted in a slightly reduced project estimate for the base bid.

The engineer also included the estimate for the proposed add/alternate, construction of a new sidewalk along the easterly side of South Main Street from the north side of Morgan Drive to the south side of Hunter's Lane. The add/alternate construction cost estimate, with 10% contingency is \$ **336,739.00**.

On large Capital Projects such as this roadway reconstruction, the Engineering Division recommends that the Town appropriate funding for a full-time resident engineer to ensure that construction is in full conformance with the design specifications and to verify quantities and contractor invoicing. The estimated cost for resident engineering inspectional services for South Main Street is not to exceed \$225,000. Allowing for these expenses and for costs of required police details, the anticipated cost of construction for the base bid and add/alternate is \$**4,612,160.00**.

The total anticipated cost for the project **without** the add/alternate is \$4,275,421.00.

The Engineering Division recommends that the Board of Selectmen vote to request an appropriation of \$4,650,000 for the reconstruction of South Main Street at the 2019 Fall Town Meeting. Following the opening of the public bids, anticipated in late October, the Board may, at that time, choose whether to construct the add/alternate based on actual construction bid costs.