



BOND REVIEW MEMORANDUM

To: Ronald M. Wolanski, AICP
 Director of Planning & Economic Development

From: Steven Cabral
 Crossman Engineering

Date: November 29, 2021
 Revised December 11, 2021

Re: Utility Bond Estimate
 Morrison Avenue Subdivision
 Middletown, RI

Upon review of the cost estimate provided by A-1 Stone Masonry, LLC, dated 11-18-21, the JAM Construction Company Invoices and the Site Plans by Principe Company, Inc. for extending the 8 Inch watermain and installing water and sewer services for the six (6) homes in the Morrison Avenue Subdivision, we offer the following independent cost estimate. The estimate is based upon a review of recent public bids with prevailing wages:

• 550 LF 8-inch Water Main Extension x \$115/LF	\$63,250.00
• 8 Inch Fitting, Sleeves, GV, etc.	\$35,000.00
• 1 Hydrant Relocation x \$2,500/Each	\$ 2,500.00
• 1,000 LF Water Service x \$35/LF	\$35,000.00
• 6 Corporations & Curb Valve/Boxes x \$1,500/Each	\$ 9,000.00
• 796 LF Sewer Service x \$60/LF	\$47,760.00
• 2 Sanitary Manholes with F&C x \$5,500/Each	\$11,000.00
• 4 Inch Pavement Repair (550 FT x 9 FT)/9 x \$50/SY	\$27,500.00
• Maintenance & Protection of Traffic	<u>\$ 5,000.00</u>
Subtotal	\$236,010.00
	<u>X 1.25</u>
	\$295,012.50

Please note that the above costs reflect average of bids, as opposed to lowest bid and assumes and that new corporations, valves and boxes are required. The cost also assumes that existing sewer stubs are present at each property line.