



# CONSIGLI

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Testimony from Matthew Tonello, P.E., Director of Operations, Consigli Construction Co., Inc., Portland Maine

I am a 1994 graduate of the University of Maine Civil Engineering program and Director of Operation for Consigli Construction.

Consigli Construction is an Employee Owned Construction Management firm with our local operations based in Portland, Maine. Our focus is on new and renovation projects throughout the state of Maine. We currently employ 75 salary personnel who are Maine residents. Our salary positions start at over \$70,000 and average over \$110,000.

We also employ over fifty hourly employees who are all skilled craft workers as masons, carpenters and laborers. We are currently working for University of Maine System at The University of Maine and The University of Southern Maine.

The funding being considered under this bond provides enormous benefit through the construction jobs that it creates. Not only do the construction projects deliver pay checks to our people but the projects that this money will fund offer challenging and unique projects that allow us to attract new candidate employees and retain our skilled workforce. The rigorous requirements of the University of Maine system and UMaine Facilities Staff who run projects in a very formal process allow our internal systems to be utilized and allow us to continue to develop their skills running cost and schedule management efforts on the projects. The University of Maine system offers very high quality projects to the market and are always focused on sustainability and utilizing the most advanced technologies incorporated in the buildings that we are constructing.

This investment is necessary for the deferred maintenance work across the campuses, in addition to the opportunity to invest in an addition to the ASCC for the College of Engineering and Computer Science Green Engineering Materials project.

The University of Maine system states that over half of their facilities and three-quarters of the residence halls have not been meaningfully renovated in more than 50 years. We know that new students considering colleges are always looking for new and modern facilities and we do not want to lose the opportunity to bring in the best future for the state. As you likely know, the University of Maine System currently has \$1.3 billion in deferred maintenance and imminent infrastructure needs. Having one of higher education's oldest physical plants challenges our recruitment and retention efforts and ability to conduct 21st century workforce development and research for Maine, let alone meet basic health and life safety standards and ADA requirements.

I chose UMaine in 1990 because of the engineering program, along with the many of the buildings that were part of the tour. I can tell you that Boardman Hall however hasn't changed much from that day, and it would be great to see cornerstone buildings like this be brought into the 2000s before the 2020s are up.

The projects at UMaine support our core construction values including requirements for Building Modeling, Energy Recovery systems for new buildings, and hopefully the use of Mass Timber on new projects.

This bond would be matched by private and other funds and allow us to strategically improve infrastructure at all campuses of the University of Maine System to sustain and increase program enrollment, improve student success, meet the needs of Maine employers for more skilled workers and research-driven innovation and benefit the surrounding communities. Projects must be aligned with the universities' respective capital plans and may include renovation, replacement, removal and repurposing of classrooms, research laboratories, residence halls and other infrastructure.

The projects we have worked on have been enormously rewarding for us including:

- The Ferland Engineering Education and Design Center.
- Aubert Hall Chemistry Laboratory
- The University of Maine School of Law Renovation at 300 Fore Street in Portland
- University of Southern Maine Center for The Arts
- Nutting Hall Envelope Repairs and mechanical upgrades at The University of Maine

The work we do includes scheduling, budgeting, procuring and planning of the construction phase with our clients. We then work on coordinating the complex building structures, mechanical electrical systems and manage the installation, budget and schedule of the project. The type of projects that are funded with R&D bonds allow us to attract employees from the University of Maine, technical and vocational schools along with allowing us to bring back workers who have worked in the life science, laboratory and science based projects who want to live and work in Maine.

Utilizing the Association of General Contractors Economic Investment metrics, a \$35,000,000 investment in New Commercial Structures supports over \$63.5 million of in-state spending and supports 500 full and part time jobs. The balance of the \$65 million if used for renovation projects will provide \$126,000,000 in direct impact and 770 full and part time jobs.

With this funding you will be helping fund projects in the future, for our future workers, for the future of the high technology markets in Maine that will allow us to advance in areas like mass timber, 3D printing. The University of Maine is instrumental in educating our workforce, and the work they do at the Advances Structures and Composites Center are at the forefront of technology in mass timber and high tech green materials in the state. Newly renovated and high technology projects are instrumental in attracting and retaining new young people to our state.

UMaine's College of Engineering and Computing is my number one go to place for recruiting new employees for the work we complete in the state and throughout the Northeast across many of Consigli's projects.

With funding for projects in these markets, we not only help drive innovation, but we also support the local material suppliers, timber industry and workforce who come to work everyday wearing workboots along with our engineers and managers, all of whom contribute to making Maine great place to work and live.

**Exhibit A:  
Economic Impact of \$35,000,000 New Commercial Construction**



## The Associated General Contractors of America

**Variables (Select Dropdown):**

State	Maine
Project Start Year	2024
Report Year \$ (Adjusts report to new base year for inflation)	2023
Project Duration (Years)	1
Amount (\$)	\$35,000,000
Project	Construction of new commercial structures, including farm structures
Link to Census Construction definitions:	<a href="https://www.census.gov/construction/c30/definitions.html">https://www.census.gov/construction/c30/definitions.html</a>

An investment of \$35 million in construction of new commercial structures, including farm structures in Maine beginning in 2024, and lasting for 1 year, would support total in-state spending at businesses in Maine of \$64 million in 2023 dollars. This level of activity would support 508 full-time and part-time jobs. The economic and employment impacts are generated by direct investment, supply-chain purchases (indirect impacts), and spending throughout the state by employees and proprietors of affected businesses (induced impacts).

The Economic Impact table below shows the total impact (direct, indirect, and induced) on in-state employment, labor income of employees and proprietors (including employee compensation), value added by each industry, and gross output by each industry. The sales (total output) table shows the top 10 industries impacted by the change in construction spending.

**Economic Impact:**

Impact Type	Employment (Job Years)	Employee Compensation	Labor Income	Value Added	Gross Output
Direct Effect	323	\$9,800,810	\$16,314,079	\$14,883,489	\$34,317,660
Indirect Effect	68	\$3,388,373	\$3,880,317	\$6,092,364	\$12,218,206
Induced Effect	117	\$5,060,459	\$5,664,396	\$9,977,639	\$16,979,950
<b>Total Effect</b>	<b>508</b>	<b>\$18,249,642</b>	<b>\$25,858,791</b>	<b>\$30,953,493</b>	<b>\$63,515,816</b>
<i>Average Per Year</i>	<i>508</i>	<i>\$18,249,642</i>	<i>\$25,858,791</i>	<i>\$30,953,493</i>	<i>\$63,515,816</i>

Exhibit B:

Economic Impact of \$65,000,000 in Maintenance and Repair of Commercial Structures



**The Associated General Contractors of America**

**Variables (Select Dropdown):**

State	Maine
Project Start Year	2024
Report Year \$ (Adjusts report to new base year for inflation)	2023
Project Duration (Years)	1
Amount (\$)	\$65,000,000
Project	Maintenance and repair construction of nonresidential structures
Link to Census Construction definitions:	<a href="https://www.census.gov/construction/c30/definitions.html">https://www.census.gov/construction/c30/definitions.html</a>

An investment of \$65 million in maintenance and repair construction of nonresidential structures in Maine beginning in 2024, and lasting for 1 year, would support total in-state spending at businesses in Maine of \$126 million in 2023 dollars. This level of activity would support 773 full-time and part-time jobs. The economic and employment impacts are generated by direct investment, supply-chain purchases (indirect impacts), and spending throughout the state by employees and proprietors of affected businesses (induced impacts).

The Economic Impact table below shows the total impact (direct, indirect, and induced) on in-state employment, labor income of employees and proprietors (including employee compensation), value added by each industry, and gross output by each industry. The sales (total output) table shows the top 10 industries impacted by the change in construction spending.

**Economic Impact:**

Impact Type	Employment (Job Years)	Employee Compensation	Labor Income	Value Added	Gross Output
Direct Effect	377	\$11,479,068	\$19,311,004	\$13,671,392	\$63,732,797
Indirect Effect	218	\$10,097,243	\$11,339,332	\$19,371,237	\$36,536,048
Induced Effect	177	\$7,666,813	\$8,581,904	\$15,117,862	\$25,727,822
<b>Total Effect</b>	<b>773</b>	<b>\$29,243,124</b>	<b>\$39,232,240</b>	<b>\$48,160,491</b>	<b>\$125,996,667</b>
<i>Average Per Year</i>	<i>773</i>	<i>\$29,243,124</i>	<i>\$39,232,240</i>	<i>\$48,160,491</i>	<i>\$125,996,667</i>

**Sales (Total Output): Top 10 Industries Impacted**

	\$
1 Maintenance and repair construction of nonresidential structures	\$62,887,863
2 Retail - Building material and garden equipment and supplies stores	\$5,704,427
3 Other real estate	\$3,168,258
4 Owner-occupied dwellings	\$2,926,483
5 Hospitals	\$2,386,005
6 Monetary authorities and depository credit intermediation	\$1,605,313
7 Truck transportation	\$1,488,706
8 Stone mining and quarrying	\$1,454,837
9 Wholesale - Other durable goods merchant wholesalers	\$1,417,342
10 Wholesale - Petroleum and petroleum products	\$1,253,305