

February 28, 2021

The Honorable Jerry Moran, Chairman  
The Honorable Jeanne Shaheen, Ranking Member  
Committee on Appropriations  
Subcommittee on Commerce, Justice, Science, and Related Agencies  
United States Senate  
142 Dirksen Senate Office Building  
Washington, DC 2051

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(202) 789.7850 main ■ [www.ASCE.org](http://www.ASCE.org)

Dear Chairman Moran and Ranking Member Shaheen,

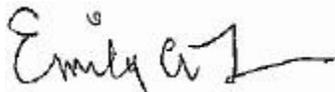
As you draft the FY 2021 Commerce, Justice, Science and Related Agencies appropriations bill, the American Society of Civil Engineers (ASCE) requests strong commitment to our science and research needs by investing in key programs:

- National Science Foundation (NSF) funds basic research across all disciplines of science and engineering, including innovative new materials, technologies, and processes to modernize and extend the life of infrastructure. ASCE request: \$9 billion. Included in this is \$54 million for the NSF functions of the National Earthquake Hazards Reduction Program (NEHRP) and \$9.7 million for the National Windstorm Impact Reduction Program (NWIRP).
- National Institute of Standards and Technology (NIST) the premier, and in most cases, the key federal institution conducting resilience research. ASCE request: \$1.08 billion. This includes \$9.7 million for NIST functions within NEHRP and \$4.1 million for NWIRP.

ASCE's *2017 Infrastructure Report Card* graded our nation's infrastructure as a D+. A continued lack of action will cost our nation \$3.9 trillion in GDP and 2.5 million jobs in 2025. Today, underinvestment in our infrastructure already costs the average American family \$3,400 per year, or \$9 a day. A key solution is to support innovation such as new materials, technologies, and processes to modernize and extend the life of infrastructure, expedite repairs or replacement, and promote cost savings.

Simply put, we need to invest NSF funds for basic research across all disciplines of science and engineering, including innovative new materials, technologies, and processes. Meanwhile, ASCE supports NIST and its mission of promoting U.S. innovation and competitiveness by anticipating and meeting the needs of the U.S. building and fire safety industries for measurement science, standards, and technology. We thank you for your consideration of our funding requests and look forward to working with the Committee to fund these existing successful federal infrastructure programs.

Sincerely,



Emily A. Feenstra  
Managing Director, Government Relations and Infrastructure Initiatives

cc: Chairwoman Nita Lowey and Ranking Member Granger, U.S. House of Representatives, Committee on Appropriations