

## 2019 ACEC of Maine Engineering Excellence Awards

At the ACEC of Maine Fall Forum on October 25, 2019, Kleinfelder was awarded an **Honor Award for Engineering for Civic Value** for its work on the Brewer Riverwalk, Phase II. On June 8, 2019, Kleinfelder joined the City of Brewer and Maine Department of Transportation for the Brewer Riverwalk Trail, Phase II ribbon cutting ceremony to celebrate the completion of this \$1.9 million trail extension project.



L-R: Frank Higgins and Linda Johns of City of Brewer; Peggy Duval, Travis Wolfel, and Matt Steele of Kleinfelder; Carolyn Bird, ACEC-ME President; Patrick Adams, MaineDOT

As Engineer of Record, Kleinfelder finalized the conceptual design, provided preliminary and final design services, construction plans and bid documents, and engineering support during construction for the project. Kleinfelder also oversaw the geotechnical engineering, the electrical design for the trail lighting, security system, and public Wi-Fi, and managed the right-of-way mapping activities. Kleinfelder further supported MaineDOT by providing full construction oversight with a Construction Resident and Chief Inspector.

Kleinfelder's creative design approach maintained the trail along the riverfront by creating a tunnel through the curtain wall of the Joshua Chamberlain Bridge abutment without sacrificing its integrity. The approach solved intersection concerns, reduced property owner impacts, and provided a safer alternative for pedestrians and bicyclists using the trail. The design provides connectivity to Brewer's downtown and development properties allowing for additional growth and includes the revitalization of downtown Center Street. Through the redesign of sidewalks, parking, lighting, and security, Kleinfelder created additional green space and a safe and inviting downtown that the community can enjoy for decades to come.

During design and construction, Kleinfelder's team worked closely with MaineDOT, the City, and property owners and businesses as they developed trail alternatives. They coordinated with MaineDOT and multiple utilities for street side pole relocations and electrical connections along the riverfront for lighting, security, and public Wi-Fi. The design greatly enhanced the user experience for the community of just over nine thousand people as the trail is now much more attractive to families, senior citizens, and those with mobility issues.

Since the completion of Phase II of the Brewer Riverwalk, it has been formally designated as part of the East Coast Greenway which runs from Key West, Florida to Calais, Maine. East Coast Greenway prefers off-road segments and was very enthusiastic about including the Riverwalk Trail as part of its system.

"I was excited to once again work with MaineDOT and the City of Brewer on this project, after having led the design of the previous section of the trail and the shoreline stabilization projects," said Peggy Duval, Kleinfelder's project manager. "Phase II of the Riverwalk Trail provides a seamless connection to the existing trail and connects its users to the City's downtown at Center Street. In addition to providing a safe and accessible transportation mode for bicyclists and pedestrians, the trail has become a regional destination for families, seniors, and health enthusiasts. Kleinfelder is pleased to have met those project goals resulting in *success* for both MaineDOT and the City of Brewer."

Kleinfelder's design of the Brewer Riverwalk, Phase II provides connectivity to Brewer's downtown and developer properties allowing for additional growth. The project also includes the revitalization of downtown Center Street through the redesign of sidewalks, parking, lighting, and security which created additional green space and a safe and inviting downtown that the community can enjoy for decades to come.

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The intent of the Brewer Riverwalk Trail Phase II was to provide a safe and accessible transportation mode for pedestrians and bicyclists and a year-round destination for recreational trail users. Kleinfelder is pleased to have met those project goals resulting in success for both MaineDOT and the City of Brewer.

**Client:** Maine Department of Transportation - Augusta, ME  
**Owner:** City of Brewer, Maine

**KLEINFELDER**  
Augusta, ME

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Engineering Excellence Awards

Founded in 1961, Kleinfelder is a leading engineering, construction management, design and environmental professional services firm. Kleinfelder operates from over 60 office locations in the United States, Canada, and Australia. The company is headquartered in San Diego, California.