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Longfellow Bridge Rehabilitation Site Tour

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Wednesday, June 20, 2018

215 First Street, Cambridge, MA 02142 – Seminar Room

Presentation to start at 3:30pm with Site Tour and Social to follow

The Longfellow Bridge, also known as the “Salt-and-Pepper Bridge” due to its iconic towers, spans the Charles River connecting Boston to Cambridge. The Longfellow Bridge Rehabilitation Project addressed the structural deficiencies of the bridge while restoring its distinctive historic architectural features. The scope included a new bridge superstructure with upgraded structural steel elements, a seismic retrofit of the masonry piers and abutments by means of reinforced concrete construction, and the exterior restoration and repair of the masonry piers. A phased construction approach allowed the bridge to maintain its multi-modal function, which includes the MBTA Red Line transit service, vehicular traffic, bicycles, pedestrians as well as recreational and commercial boating in the Charles River below. Several unique design and construction methods were used to complement the bridge’s historic character including riveted construction and the use of buckle plates as bridge deck forms.

This presentation will focus on the unique design and construction solutions the team developed while restoring this historic bridge. Following the presentation, the group will tour the bridge and delve further into the construction means and methods.

Registration Deadline: June 19, 2018

Registration is limited to the first 25 participants. Please bring your own PPE.

Registration fee: \$25 BSCES Members and Non-Members

Information/Registration:

Register to attend this meeting and pay by credit card online at <http://bit.ly/2Lolenh>. To register online for an event at the BSCES member rate you must login using your BSCES assigned username and password. If you do not know your BSCES member login information call 617/227-5551. You can also register for this event by mail or email. To do so, download and complete a [BSCES Event Registration Form](#) and follow the submission instructions. Cancellations received after June 18, 2018 and no-shows will be billed.