

Modjeski and Masters Performs Multiple Bridge Inspections for RITBA

Centerpiece of the project is the iconic Claiborne Pell (Newport) Bridge

Mechanicsburg, Pa. ([PRWEB](#)) December 10, 2015 -- The bridge engineering and design firm [Modjeski and Masters](#) was selected by The Rhode Island Turnpike and Bridge Authority (RITBA) to inspect multiple bridges under RITBA's jurisdiction. The project's centerpiece will be on-call bridge inspection services for the Claiborne Pell Bridge, more commonly known as the Newport Bridge. Other structures include the Mount Hope, Sakonnet River and Jamestown Verrazzano Bridges.

The Newport Bridge is a suspension bridge that spans the East Passage of the Narragansett Bay. It connects RI 138 between the towns of Newport and Jamestown. Opened in 1969, the bridge has a total length of 11,248 ft. with a main suspension span of 1,600 ft. Featured on the state's quarter, the bridge is of immense cultural importance to Rhode Island.

Modjeski and Masters will provide "hands-on" inspection of the bridge's structural members and biennial in-depth structural integrity inspections in accordance with National Bridge Inspection Standards.

"Modjeski and Masters employs innovative Technical and Rope Access (TARA) techniques that can reduce the overall cost of inspections while keeping the bridge open to traffic," said Michael F. Britt, PE, senior vice president and director of business development at Modjeski and Masters. "For a suspension span such as the Newport Bridge, we can deploy our TARA teams to complete 'hands-on' testing without the use of expensive equipment or closing lanes on the bridge. These expertly trained engineers use advanced climbing techniques to scale and rappel towers, cables and other structural members. They can get closer and spend more time inspecting than a traditional lift or 'snooper' inspection."

Modjeski and Masters is also eligible to provide various inspection services for the Mount Hope Bridge (a suspension bridge), the Sakonnet River Bridge (a steel box girder bridge) and the Jamestown Verrazzano Bridge (a concrete box girder bridge). The exact bridges to be inspected are still to be determined.

These projects [continue the close relationship between RITBA and Modjeski and Masters](#) that previously included multiple fracture critical and routine inspections.

About Modjeski and Masters

Modjeski and Masters is one of the world's leading bridge engineering firms, with a reputation for technical excellence and innovation that goes beyond current standards. Established more than 120 years ago, the firm is responsible for the design and maintenance of some of our nation's most recognizable structures. Services include fixed and movable bridge design, inspection and rehabilitation and all facets of life-cycle maintenance, research and code development. For more information, including in-depth videos of Modjeski and Masters at work, please visit www.modjeski.com.



Contact Information

Adam Curtis

Abel Communications

<http://www.abelcommunications.com/>

+1 (443) 869-2197 Ext: 142

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