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Modular Steel Bridges from Acrow Bridge Enable Uninterrupted Traffic During Culvert Replacement in Ryegate, Vermont

Reusable steel systems help minimize impact to vehicular and rail traffic

(Parsippany, New Jersey) – 21 September 2015 – Acrow Bridge, a leading international bridge engineering and supply company, recently announced the completion of the installation of two temporary bridges over Manchester Brook in Ryegate, VT as part of the Ryegate Culvert Replacement project. Acrow's temporary bridges are expected to be in use until the completion of the project, which is currently anticipated to be June 2016.

The existing culverts, which will be removed and replaced, were hydraulically inadequate. Prone to clogging, they became blocked during Tropical Storm Irene in 2011 and required emergency repairs. The project implements a long-planned permanent solution by the Vermont Agency of Transportation to provide greatly improved hydraulic capacity and a planned 100-year service life.

Acrow engineers and field staff worked with engineers from Dubois & King Inc. and contractor Engineers Construction to install the two bridges, which allow for traffic flow to be uninterrupted for the duration of the project. The vehicular bridge, which is 80 feet long and 30 feet wide, carries two lanes of traffic on US Route 5. Without the temporary structure, traffic – including emergency vehicles, school buses and trucks serving a nearby paper mill – would have been greatly inconvenienced by road closures. The railroad bridge, which is 70 feet long and carries one rail line, ensures that freight traffic will not face unacceptably long detours if the line were shut for months or longer.

“Although extreme weather complicated the installations – many days were minus 15 degrees Fahrenheit – the bridges were able to be opened on time, and in the case of the railroad bridge, completed around a single weekend traffic suspension,” said Randy Needham, New England Region Manager for Acrow Bridge. Added Bill Killeen, Acrow Bridge President and CEO, “As this installation demonstrates, Acrow modular detour bridges are the perfect choice when it is critical a project stays on or ahead of schedule. As temporary structures available for rent or purchase, Acrow bridges are cost-effective and provide safe and dependable routes for area residents and businesses.”

About Acrow Bridge

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Acrow Bridge has been serving the transportation and construction industries for more than 60 years with a full line of modular steel bridging solutions for vehicle, rail, vessel, military and pedestrian use. Acrow's extensive international presence includes its leadership in the development and implementation of bridge infrastructure projects in over 80 countries, covering Africa, Asia, the Americas, Europe and the Middle East. For more information, please visit www.acrow.com.

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