

# PARSONS NEWS

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**FOR IMMEDIATE RELEASE**

## **PARSONS' HASTINGS BRIDGE PROJECT NAMED FAVORITE/MOST INNOVATIVE STRUCTURE**

PASADENA, CA (July 7, 2014) – Parsons is pleased to announce that the Minnesota Department of Transportation's \$120 million Hastings Bridge design-build project has received an award from the Structural Engineers Association of Illinois (SEAOI) as part of its 2014 Excellence in Structural Engineering Awards competition. SEAOI's annual international design competition recognizes excellence in structural engineering in several categories, including Jurors' Favorite/Most Innovative Structure—the category in which the Hastings Bridge was honored.

Built in a joint venture of Lunda Construction of Black River Falls, WI, and Ames Construction of Burnsville, MN, with Parsons as the lead designer, this record-setting 21<sup>st</sup> century bridge—which carries Highway 61 over the Mississippi River in Hastings, Minnesota—was erected on land, moved onto barges using self-propelled modular transporters, and slid between the main river piers. The 545-ft-long, freestanding tied-arch bridge was then lifted 70 ft into place using 1,200-ton strand jacks. To date, this marks the heaviest bridge move in the United States. At a total length of 1,938 ft, the Hastings Bridge is the longest freestanding tied-arch bridge in North America. In addition, the bridge has a 100-year service life and features a steel box arch rib with a post-tensioned concrete tie girder and a network hanger system. The approach structures to the bridge include a five-span, full-depth, solid, cast-in-place post-tensioned slab structure to the south and a five-span precast concrete beam and deck structure to the north. The bridge opened to traffic on June 4, 2013.

“The innovative design of the Hastings Bridge maintains synergy with the natural surroundings while staying true to the historic roots of downtown Hastings,” said Todd Wager, Parsons Group President. “It's already a recognizable landmark, and with its 100-year lifespan, the bridge will

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be enjoyed for generations to come. We're proud to have been a part of this leading-edge project."

For more information about SEAOL's 2014 Excellence in Structural Engineering Awards competition, visit <http://www.seaol.org/awards/award.htm>.

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