



Construction NEWS



Vol. 34 No. 6

JUNE 2018

\$1.50

Major Steel Operations End on New Mario M. Cuomo Bridge

TARRYTOWN—With the setting of one final steel-blue girder, Tappan Zee Constructors brought major steel operations to a close on Friday, June 15, fully linking the new eastbound span across the Hudson River, the design-builder for the new bridge project announced.

TZC began placing the new twin-span bridge's structural steel girders in the spring of 2015 and has since installed more than 220 million pounds of all-American steel on the 3.1-mile crossing.

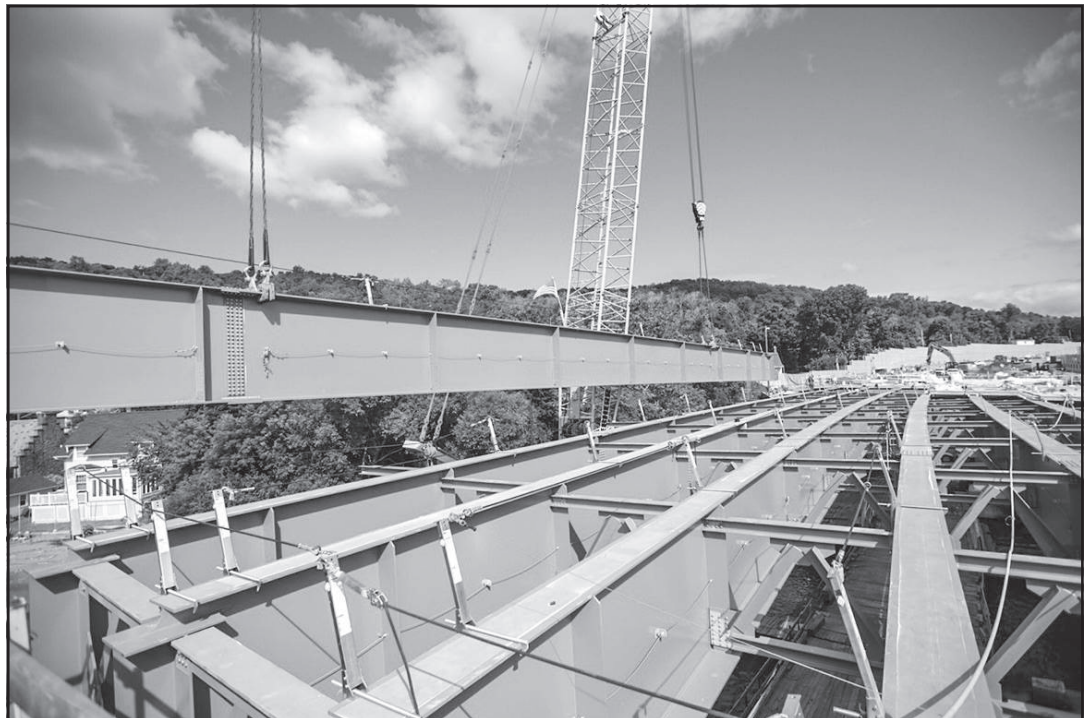
"Connecting the eastbound span is not only a historic moment for this project, it's symbolic about how far we've come," New NY Bridge Project Director Jamey Barbas said. "Gov. Andrew Cuomo has made it his mission to strengthen New York's infrastructure, starting with this bridge."

With the eastbound span fully connected by steel, TZC can continue installing precast concrete deck panels to form its base driving surface. The 12-foot-long panels each weigh up to 74,000 pounds and are composed of concrete and galvanized steel. TZC has installed nearly 6,500 deck panels on both spans to date,

with fewer than 300 remaining. When all of the deck panels are in place, they will comprise

I-287) traffic was shifted from the Tappan Zee Bridge onto the new Gov. Mario M. Cuomo

first cable-stayed bridge across the Hudson River. Featuring eight 419-foot towers standing at a five



With the eastbound span fully connected by steel, Tappan Zee Constructors can continue installing precast concrete deck panels to form its base driving surface.

a surface area of more than 65 acres—approximately equal to the deck space of all 19 U.S. Navy aircraft carriers in service. TZC will then install the final driving surface of the eastbound span.

"The new Gov. Mario M. Cuomo Bridge will mean a safer, more reliable commute for the millions of people across the Thruway corridor every year," Thruway Authority Acting Executive Director Matthew J. Driscoll said.

Since all New York State Thruway (I-87/

Bridge in a temporary traffic configuration (four traffic lanes in each direction) last year, design-builder TZC has been dismantling the old bridge while also constructing the eastbound span.

Once the twin-span is complete, users will reap its full benefits, including: eight general traffic lanes; four breakdown and emergency lanes; dedicated bus lanes and a bicycle and walking path.

The Gov. Mario M. Cuomo Bridge is the

degree angle, the bridge has a total of 192 stay cables that would stretch 14 miles if laid end to end. A cable-stayed bridge uses steel cables placed at an angle to connect the bridge deck to vertical towers that extend high above the roadway.

To build the bridge more than 220 million pounds of all-American steel was used; approximately 7,000 workers have contributed to date and nearly 11.5 million work hours have been dedicated to this project.

Construction News © 2018.