



Local company Premier Steel showcases one-of-a-kind bridge system

Premier Steel partners with Pawnee Nation to install pedestrian bridge

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PAWNEE, Oklahoma _ Local company Premier Steel is showcasing its Fast Cast Bridge System™ with the dedication of a new pedestrian bridge in Pawnee Nation.

Because of its patent-pending modular, steel frame, the Fast Cast Bridge System™ allows for quick and safe completion of projects. It is a one-of-a-kind system that allows the installation of a bridge in only one day. The entire process – from grading to clean up – takes less than a week.

"We are grateful to partner with Pawnee Nation on this important project," said Andy Vanaman, president of Premier Steel. "Our bridges are state-of-the-art and not only allow for quicker construction time, but they are also a cost-effective alternative for road and pedestrian bridges."

The Pawnee Nation project is using an Indian Community Development Block Grant (ICDBG) for new construction of the Pawnee Nation campgrounds and fitness trail. The project consists of construction of a new dance arbor for ceremonial dances, fit trail, water and electric upgrades. The pedestrian bridge links the campgrounds and dance arbor area to the fitness trail. The one-day installation process was live streamed and can be reviewed [here](#).

The fitness trail is a gravel walking trail that is nearly 1 mile long with five different fit stations prompting physical activity. The trail and sidewalk system is open to the public for use.

"The Pawnee Nation focuses on safety, integrity, planning and progress. This innovative bridge concept certainly resonates with our construction standards," said Chris McCray, Pawnee Nation Transportation and Safety Manager.

Components of the Fast Cast Bridge™ include a complete set of rigging and tools, which are returned to Premier Steel after the bridge is installed. Those installing the system need only to provide the lifting equipment, concrete services and labor for the installation.

In July 2019, the Muscogee (Creek) Nation partnered with Premier Steel to install the nation's first Fast Cast Bridge System™. Using concrete, rebar and steel framing to build the bridge, it is an AASHTO HL93 rated structure and can be used as federal highways as well. The Muscogee (Creek) Nation bridge leads to the Concharty United Methodist Church and was installed after the previous bridge became impassable from flooding in the spring.

"After seeing the Muscogee (Creek) Nation's success with the Concharty bridge, we definitely wanted to utilize Premier for this project," McCray added.