

Illinois Department of Transportation
Bureau of Bridges and Structures

Prequalified Structural System (PQSS) List
PEDESTRIAN TRUSS SUPERSTRUCTURES

April 5, 2024

This list supersedes the 2/16/2024 list.
For Guide Bridge Special Provision GBSP33

For information regarding new system submittals, see pages 2 and 3.

<p><u>Contech Engineered Solutions, LLC</u> 8301 State Hwy 29 North Alexandria, Minnesota 56308 Date Approved: 1998 Contact Name: Nelson Brown Phone Number: 773-318-0522 Systems: "Continental" "Steadfast" "Big R"</p>	<p><u>Excel Bridge Manufacturing Company</u> 12001 Shoemaker Avenue Santa Fe Springs, California 90670 Date Approved: 1998 Contact Name: Matt Brooks Phone Number: 800-548-0054 Systems: "Excel Bridge"</p>
<p><u>Wheeler Consolidated</u> 9330 James Avenue South Bloomington, MN 55431 Date Approved: 2002 Contact Name: David Clemens Phone Number: 800-328-3986 Systems: "Wheeler"</p>	<p><u>Cameron Bridge Works, LLC</u> 1051 South Main St Elmira, New York 14904 Date Approved: 2005 Contact Name: Katie Fairbanks Phone Number: 607-734-9456 Systems: "Cameron Bridge"</p>
<p><u>Anderson Bridges</u> 111 Willow Street Colfax, WI 54730 Date Approved: 2006 Contact Name: Phone Number: 877-934-2800 Systems: "Anderson Bridges"</p>	<p><u>US Bridge</u> 201 Wheeling Ave Cambridge, OH 43725 Date Approved: 2008 Contact Name: Dan Rogovin Phone Number: 888-872-7434 Systems: "US Bridge"</p>
<p><u>Bridge Brothers</u> 225 Pumpkintown Hwy., Building 19 Pickens, South Carolina 29671 Date Approved: 2024 Contact Name: Aaron Gentilucci Phone Number: 866-258-3401 Systems: "Bridge Brothers"</p>	<p><u>Pioneer Bridges, a division of Bailey Bridges, Inc</u> 201 63rd Street NE. Fort Payne, AL 35967 Date approved: 2016 Contact Name: Scott Dempsey Phone Number: 866-708-5778 Systems: "Pioneer Bridge"</p>

Domestic Steel Act Applies:

All iron and steel products, which are to be incorporated into state projects shall be domestically manufactured or produced and fabricated. The Contractor shall obtain from the iron or steel producer and/or fabricator, in addition to the mill analysis, a certification that all iron or steel materials meet these domestic source requirements. The application of all coatings, epoxy, galvanizing, painting, etc., to metal products shall be domestically applied.

Illinois Department of Transportation
Bureau of Bridges and Structures

Prequalified Structural System (PQSS) List
PEDESTRIAN TRUSS SUPERSTRUCTURES

April 5, 2024

This list supersedes the 2/16/2024 list.
For Guide Bridge Special Provision GBSP33

For information regarding new system submittals, see pages 2 and 3.

Submittal Requirements for Evaluation and Pre-Qualification

A. Scope

Before a pedestrian truss superstructure can be used on a Department project, the system shall be reviewed and approved for general use. The following guidelines are provided to clarify the submittal requirements and expedite the process.

B. Procedure

Companies interested in being considered pre-qualified to supply pedestrian truss superstructures as specified in the Guide Bridge Special Provision for Pedestrian Truss Superstructures (GBSP33) shall provide two copies of a system review package to the Department for evaluation. As a minimum, the system review package should contain the following:

1. Acknowledgement by Company Form [BMPR 101](#) (locate the form [here](#), right-click and "Save link as..." to download a working copy and open in a separate PDF editor). If your company does not already have a product included on an IDOT PQSS, please submit a signed copy of the company acknowledgement form with your product submittal.
2. Pedestrian Truss Superstructure System name and company name to be listed on the PQSS List and other contact/address information.
3. A copy of your company's current AISC certification.
4. A copy of your Quality Assurance Programs.
5. A copy of your welding process procedures.
6. A list of past projects which used your company's pedestrian truss superstructure system including the owner's name and phone number.
7. Typical shop drawings, notes and plan details including:
 - a. Typical cross section and truss details; railing options; deck options; bearing details, etc.
 - b. Truss splicing details, if applicable.
 - c. Fabrication and handling details.
8. Design Standards and Computations: All example design computations shall be sealed by an Illinois Licensed Structural Engineer. The calculations shall be according to the latest IDOT Bridge Manual requirements, Guide Bridge Special Provisions, and the AASHTO LRFD Bridge Design Specifications. As a minimum, the following should be addressed:
 - a. Design loadings.
 - b. Resistance factors.
 - c. Deflection criteria.
 - d. All materials design stress assumptions.
 - e. Any design limitations, such as span, skew, etc.
 - f. List your Design Software.
 - g. Deck design.
9. Any test data or research to support the computations and use of specific values.
10. All materials specifications.
11. A Construction Manual with erection sequence guidance.
12. Any design manuals, case histories, and brochures which could provide insight into the system and applications.

Illinois Department of Transportation
Bureau of Bridges and Structures

Prequalified Structural System (PQSS) List
PEDESTRIAN TRUSS SUPERSTRUCTURES

April 5, 2024

This list supersedes the 2/16/2024 list.
For Guide Bridge Special Provision GBSP33

For information regarding new system submittals, see pages 2 and 3.

If you have any questions concerning the specification or the requested information, please contact the Policies, Standards and Final Plan Control Unit at DOT.Bridge.ProductEvaluations@Illinois.gov.

C. Recertification

There is no renewal process or reapplication process to stay on this list; however, the Department reserves the right to remove any system based on past performance. In addition, it is the responsibility of the manufacturer/supplier to inform the Department of any changes in design or component information, contact information, etc. If it is discovered that changes have been made without informing the Department, the Department reserves the right, depending on the severity of the omission, to remove that system from the pre-qualified list.

Presence on this list does not exempt the manufacturer/supplier from meeting all the job specific submittal requirements and all the material requirements specified including component testing and/or material certifications as applicable.