PRECAST MODULAR BRIDGE SYSTEMS
Allow our broad range of cost-effective customizable products to bring value to your next project.

At Forterra we take pride in our ability to bring our customers the affordable, quality construction materials they need. Providing pre-fabricated designs that save time and money while increasing safety is one of many ways we do just that.

Precast Modular Bridge Systems

Forterra has a full line of precast modular bridge systems that allow you to cost-effectively build new bridges in a fraction of the time that traditional techniques require. Precast modular bridge systems are also an efficient choice for replacing existing bridges that have become unsafe due to aging or other environmental factors. Forterra spans can be combined with available substructures to create an unlimited range of lengths, widths and styles for a wide variety of applications. And with components like precast pier or pile caps, deck panels, barrier rails and abutment walls, the possibilities are endless.

Applications

Precast Modular Bridge Systems can be used for the following types of jobs:

• vehicular bridges
• pedestrian bridges
• utility lines support
• temporary bridges for maintenance of traffic
• docks and piers
• parking structures

Sizes

Available sizes include 19’, 20’, 24’, 31’, 32’, 34’ and 40’ span lengths, with 3’6” panel widths. Please note that not all spans are available at all facilities. Contact your local Forterra sales office for sizes available in your area.

Benefits

Precast Modular Bridge Systems offer significant advantages over traditional building methods, including:

• better durability than other bridge systems such as timber or steel
• designed for HS20 and other loading designs
• no paving required over deck units
• optional 100% precast substructure for reduced construction time
• standard plans that reduce engineering time and cost

Applicable Specifications

The following specifications apply to Forterra Modular Bridge Systems:

• various state Departments of Transportation
• ACI 318
• AASHTO