ORTHOTROPIC STEEL DECK
FOR ACCELERATED BRIDGE CONSTRUCTION
THE SOLUTION OF CHOICE FOR THE RAPID INSTALLATION OF A NEW BRIDGE OR REPLACEMENT OF A TRADITIONAL BRIDGE DECK

RAPID INSTALLATION
- Field assembly time cut due to long, prefabricated panels (composite or non-composite use)
- Excellent solution if repairs are to be undertaken on heavy-traffic sections at night so that they can be open to traffic after installation
- Comprehensive solution, including connections for safety barrier systems

LIMITED TRAFFIC DISRUPTION
- Shop-applied wearing surface to reduce field work
- Limited disruption of traffic following deck installation since field work is limited to a few finishing touches

ULTRALIGHT AND FLEXIBLE CONCEPT
- System that is up to 66% lighter than its conventional concrete counterpart
- Ideal for increasing the capacity of existing bridges and raising payload limitations without having to replace or modify the main girders, piers or abutments
- Optimal product for use on multiple longitudinal girder bridges
- Concept that can be easily adapted for bridges with only two main load-carrying members and that can even accommodate extensions to widen the deck

View our 3D animation at www.structalbridges.com/orthotropicdeck

1-877-304-2561
www.structalbridges.com/orthotropic