

Belle Chasse Bridge (USA)



Project description

The Belle Chasse Bridge in the southern outskirts of New Orleans crosses the Gulf Intracoastal Waterway close to where it branches off from the Mississippi River.

The existing structure, a movable bridge that requires to be opened a number of times every day to allow the passage of large shipping vessels, is to be replaced by a fixed structure, minimising disruption to both road and waterway traffic while also reducing long-term maintenance and repair work.

The new bridge is expected to open for traffic in spring of 2024.

mageba scope

The new four-lane bridge required expansion joints at both ends, and the responsible engineers accepted mageba's proposal to satisfy the need by means of three-gap TENSA®MODULAR LR expansion joints.

In addition to these expansion joints, mageba was also contracted to supply the cover plates for the barriers and the sidewalk at each expansion joint location – parts of the bridge which must, of course, also accommodate the bridge's movements.

The sliding plate expansion joints in the sidewalk area are required to accommodate both pedestrian and cycle traffic.

Highlights & Facts

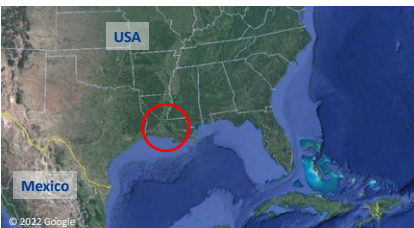
mageba products:

Type: TENSA®MODULAR LR expansion joints
Installation: 2023

Structure:

City: New Orleans, LA
Country: USA
Built: 2022–2024
Owner: Louisiana Department of Transportation
Contractor: Taylor-Massman, Joint Venture
Designer: Louisiana Department of Transportation

The project is located in New Orleans, Louisiana



Two of the TENSA®MODULAR expansion joints as designed and fabricated for the new bridge



A TENSA®MODULAR expansion joints on the Belle Chasse Bridge during installation

