

# I-65 Deck Replacement (USA)



## Project description

The I-65 Deck Replacement in Gary, Indiana was a project that intended to transform the outer shoulders of the bridge into new traffic lanes.

These new traffic lanes would begin south of the I-90 and end at the I-80. The project also covered replacing old shoulders converted to accommodate traffic, with new ones, and replacing the existing I-65 Bridge over the Little Calumet River with a new structure.

## mageba scope

mageba provided two 45 ft. (13.72 m) TENSA®MODULAR LR4 modular expansion joints for the project, to be used for free movement in all directions featuring barrier cover plates.

Each joint was installed in two sections as traffic remained open on the bridge.

Due to the spacing in the bridge deck, welding the joint sections together was not possible. mageba utilized its bolted splice connection design for this application.

All of the joint's well-proven wear resistant parts can be replaced with little effort and without disrupting traffic in the future.

## Highlights & Facts

### mageba Products:

Type:	TENSA®MODULAR joints of type LR4
Feature:	Barrier cover plates
Installation:	2018

### Structure:

City:	Gary, IN
Country:	USA
Main span:	80 ft. (24 m)
Length:	1,210 ft. (869 m)
Owner:	INDOT
Contractor:	Superior Construction Co., Inc.

The bridge is located south of Indianapolis in Indiana



Installation of one of the supplied TENSA®MODULAR expansion joint



Modular expansion joint after installation

