

# BELZONA EXPANSION JOINTS: TOUGH ENOUGH FOR HEAVILY TRAVELLED HIGHWAYS

ID: 371

Industry: *General Industry*

Customer Location: *Kentucky DOT (Department of Transportation) - U.S.A.*

Application: *FPA-Floor Problem Areas*

Application Date: *2002*

Substrate: *Steel*

Products: *\* Belzona® 4521 (Magma-Flex Fluid) ,*

## Problem

*The conventional expansion joints were too soft and could not withstand typical road debris. They were failing after less than one year.*



## Photograph Descriptions

- \* The failed joint is easily removed thanks to poor adhesion ,
- \* The surface for the new joint is prepared ,
- \* Backer rod inserted ,
- \* The application is complete and ready for vehicular traffic ,

## Application Situation

Bridge expansion joints on Interstate 65.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet FPA-6.

## Belzona Facts

The failing conventional joints were also allowing solutions of calcium chloride and salt to seep through and damage the structural beams. The Belzona solution prevents this from occurring, and has performed perfectly since installation.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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