

# 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

FS 695214

ISO 14001:2015

EMS 695213

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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