

## BELZONA EXPANSION JOINTS: TOUGH ENOUGH FOR HEAVILY TRAVELLED HIGHWAYS

### CUSTOMER

Kentucky DOT (Department of Transportation) - U.S.A.

### APPLICATION DATE

2002

### APPLICATION SITUATION

Bridge expansion joints on Interstate 65.

### PROBLEM

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

### PRODUCTS

Belzona® 4521 (Magma-Flex Fluid)

### SUBSTRATE

Steel

### 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.

### PICTURES

1. The failed joint is easily removed thanks to poor adhesion
2. The surface for the new joint is prepared
3. Backer rod inserted
4. The application is complete and ready for vehicular traffic



1.



2.



3.



4.

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



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