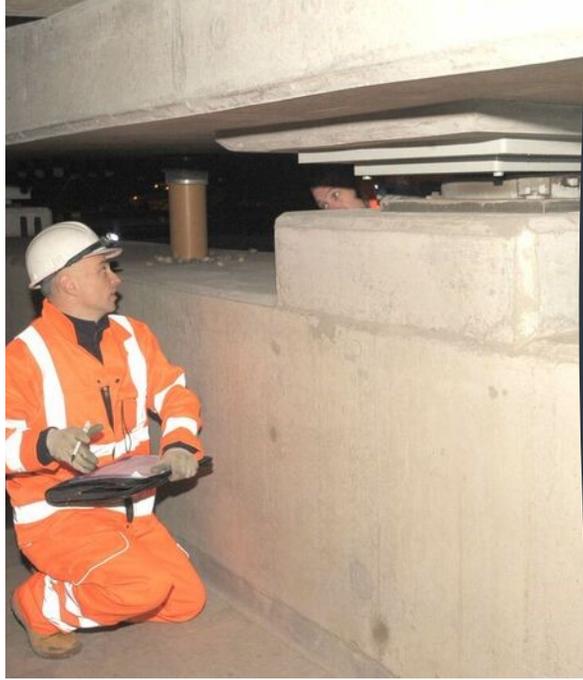




Applied Polymerics Bridge Movement Solutions

Inspections
Bridge Jacking
Bridge Bearings
Expansion Joints

Our Expertise...



Inspections

Applied Polymeric offers comprehensive bridge bearing and joint inspection services that include:

- Bearing articulation arrangement
- Current bearing and joint condition
- Residual capacity
- Translation and rotation measurements
- Remedial actions and associated costs (if any)

It is key that these inspections are done by competent bearing engineers who understand bearing functionality. The resulting report can inform a plan for ongoing corrective and preventive maintenance measures as part of the principal bridge inspection report.





Jacking & Temporary Works

Applied Polymerics provides a full range of hydraulic jacking equipment, including a range of jacks of varying configurations with individual capacity between 5 and 550 tons.

Custom design solutions ensure that a full temporary works system can be supplied. This includes structural restraint and temporary bearings that permit movement while work is ongoing.

ADVANTAGES:

- Qualified engineers working with an in-house design team to provide the best jacking/temporary work solutions
- Supply of jacking arrangement & hydraulic schematic drawings
- All work monitored and logged
- All equipment tested and certified

INDUSTRY ASSOCIATIONS:





Bridge Bearings

Applied Polymeric, through our sister company Ekspan USA, provides a comprehensive bearing solution that incorporates structural bearing design, manufacture, and installation. Ekspan USA has more than 25 years' experience in producing high quality bearing products for the worldwide market.

All products can be produced in accordance with AASHTO, EN1337 or BS5400 standards depending on your specific requirements.

Bridge bearings are designed to ensure that loads are transferred between the superstructure and its supports, and to enable movement and rotation. Ekspan USA has several types of support bearings to suit a range of structural applications. Further details of the options available are online at www.uslamerica.com.

If you have a specific structural bearing requirement, please send the details so our engineers can assess and respond directly.



Bridge Expansion Joints

Applied Polymerics has installed bridge deck expansion joints across the southeastern United States for more than 20 years. Ekspan brings an additional nearly 30 years of experience in all aspects of bridge movement control.

We have extensive knowledge of individual structural applications. We can provide expansion joint solutions to suit your specific requirements. If you require a specific expansion joint, please send the details so our engineers can assess and respond directly. Details of the types of expansion joints, both elastomeric and mechanical, are online at www.uslamerica.com.





Quality

At Applied Polymerics we understand that our goal of zero defects in all operations can only be reached if an effective quality system is in place throughout the company.

Applied Polymerics operates a Quality Management System that complies with U.S. requirements.



Industry

Associations

Applied Polymerics is a member of APWA, Southeastern Bridge Preservation Partnership, American Concrete Pavement Association, NCRWA and the N.C. Airports Association.



Technical & On-Site Support

Our unrivaled technical expertise ensures you receive the most appropriate advice from the start, setting your project up for success.

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