BRIDGE resource guide

Adhesives Technologies Corporation

Phone: 754-399-1057 Email: atcinfo@atcepoxy.com Web: www.atcepoxy.com

Product: CRACKBOND® Overlays and Sealers Description: BRIDGE-GARD is the world's most advanced epoxy polymer concrete formulation. EPOTHANE T3 is a low-modulus, epoxy urethane skid-resistant overlay. V65 HI-MOD, V120 LOW-MOD, and V200 HI-MOD: a suite of healer/sealers with varying viscosities and moduli to extend the life of decks and roadways. ATC is a Meridian Adhesives Group Company.

ASDIP Structural Software

Phone: 407-284-9202 Email: support@asdipsoft.com Web: www.asdipsoft.com Product: ASDIP RETAIN

Description: Advanced software for quick and efficient design of cantilever, restrained, counterfort, and sheet pile retaining walls. See immediate results with calculations and reports of load combinations per the latest IBC/ASCE 7 and AASHTO. Includes 4 intuitive modules to help you design and verify structural members in no time.

Cast Connex

Phone: 888-681-8786

Email: info@castconnex.com Web: www.castconnex.com

Product: Standardized Cast Steel Connectors and Custom Cast Steel Connectors

Description: The industry leader in the architectural and structural use of cast steel components in the design and construction of building and bridge structures. Our products include pre-engineered connectors that simplify the design and enhance the performance of structures. We also offer design-build services for custom cast steel notes and components.

Product: Cast Steel Nodes

Description: The use of cast steel nodes in steel bridge structures can provide improved fatigue performance, enhanced structural resilience, and can reduce the total life-cycle cost of pedestrian, road, and rail bridges.

Computers and Structures, Inc.

Phone: 510-649-2200 Email: sales@csiamerica.com Web: www.csiamerica.com

Product: CSiBridge

Description: Offers a single user interface to perform modeling, analysis, design, scheduling, load rating, and reporting of bridge structures. The ease with which these tasks can be accomplished makes CSiBridge the most versatile and productive software program available on the market today.

Dlubal Software, Inc.

Phone: 267-702-2815

Email: info-us@dlubal.com Web: www.dlubal.com Product: RFEM

Description: Capable of linear, non-linear, static, and dynamic analysis, RFEM is complete with moving load generation (AASHTO library), influence lines, cable form-finding, parametric modeling, and multi-material design considerations. This FEA software is seamless in the design and analysis of pedestrian and highway cablestayed, suspension, arch, and beam bridge structures.

ENERCALC

ENERCALC, Inc.

Phone: 800-424-2252

Email: info@enercalc.com Web: https://enercalc.com

Product: ENERCALC Structural Engineering Library (SEL)

Description: Major ENERCALC improvements for 2022 include the addition of ENERCALC 3D FEM and RetainPro modules to installed ENERCALC software. New FEM-powered Steel Base Plate and Flitch Plated Wood Beam modules. No more hand-calculated Z values! Coming soon - ENERCALC for Revit - use the familiar calculation power of ENERCALC within Revit.

LUSAS

Phone: 646-732-7774 Email: info@lusas.com Web: www.lusas.com Product: LUSAS Bridge

Description: Use to analyze, design, and assess all types of bridge structures and investigate soil/structure interaction effects. Recent releases have extended the engineer's workflow from analysis into steel and RC frame design and improved prestress, concrete modeling, and vehicle and rail loading capabilities.

New Millennium Building Systems

Phone: 260-969-3500

Email: gerald.arvay@newmill.com

Web: www.newmill.com Product: Bridge-Dek®

Description: Bridge-Dek is a high-strength, galvanized bridge deck forming system for new construction and rehabilitation.

Trimble

Phone: 678-737-7379

Email: jodi.hendrixson@trimble.com

Web: www.tekla.com/us Product: Tekla Structures

Description: Software for steel, concrete, wood, and composite bridge structures. Automation of fabrication and 4-D product management. Extensive range of steel profiles, including elliptical and tubular, and individual connection details with welds and bolts. Automate drawings and reports from constructible 3-D models. Detailed model brings efficiency to bridge maintenance and repairs.

Trimble.

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Williams Form Engineering Corp.

Phone: 616-866-0815

Email: williams@williamsform.com

Web: www.williamsform.com

Product: Post-Tensioning Systems

Description: Williams Form Engineering Corporation has been providing threaded steel bars and accessories to the bridge construction industry for over 100 years. Williams' pre-stressing/post tensioning 150 KSI All-Thread-Bars are high tensile steel bars available in seven diameters from 1 to 3 inches with guaranteed tensile strengths to 1027 kips.

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