



Editorial Board Appoints New Member

Dr. Roger A. LaBoube has been appointed to the STRUCTURE Editorial Board as a representative of the steel industry. Dr. LaBoube is Curator's Teaching Professor Emeritus of Civil Engineering, Director of the Wei-Wen Yu Center for Cold-Formed Steel Structures and Director of the Student Design and Experiential Learning Center at the Missouri University of Science & Technology (formerly University of Missouri-Rolla). Dr. LaBoube has an extensive background in the design and behavior of cold-formed steel structures.

Roger is active in several professional organizations and societies, including a member of the American Iron and Steel Institute's Committee on Specifications for the *North American Specification for the Design of Cold-Formed Steel Structural Members* and a member of the AISI Committee on Framing Standards. He is a Registered Professional Engineer in Missouri.

Please join us in welcoming Dr. LaBoube to the Editorial Board.

BRIDGE RESOURCE GUIDE | a definitive listing of major bridge professionals and suppliers

Top Firms Engineering & Construction

Buckland & Taylor Ltd.

Phone: 206-216-3933
Email: rsro@b-t.com
Web: www.b-t.com

Product: Bridge Engineering
Description: Buckland & Taylor Ltd. provides specialized bridge engineering services. Founded in 1972 with a goal of providing the highest standard of bridge engineering, the Company is recognized throughout North America and internationally as a leader in the design, evaluation, rehabilitation and construction engineering of bridges of all sizes and types.

DBM Contractors, Inc.

Phone: 800-562-8460
Email: rcarnevale@dbmcm.com
Web: www.dbmcontractors.com

Product: Bridge Foundations
Description: Design-build specialty geotechnical contractor specializing in drilled foundation support, earth retention, slope stabilization, and ground improvement for structural support and seismic hazard mitigation.

FIGG

Phone: 850-224-7400
Email: lfigg@figgbridge.com
Web: www.figgbridge.com

Product: Bridge Design
Description: FIGG specializes in bridge design and construction engineering and management. Our focus on bridges allows us to create landmarks that incorporate function, sustainable design and beauty to enhance the quality of life for communities across America in the philosophy of Creating Bridges as Art®.

Hayward Baker Inc.

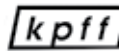
Phone: 800-456-6548
Email: info@HaywardBaker.com
Web: www.HaywardBaker.com

Product: Ground Improvement
Description: Dry Soil Mixing, Dynamic Compaction, Injection Systems for Expansive Soils, Rapid Impact Compaction, Rigid Inclusions, Vibro

Compaction, Vibro Concrete Columns, Vibro Piers™, Vibro Replacement, Wet Soil Mixing, Cement Grouting, Chemical Grouting, Compaction Grouting, Fracture Grouting, Jet Grouting, Polyurethane Grouting, Wick Drains.

KPFF Consulting Engineers

Phone: 206-622-5822
Email: david.mcmullen@kpff.com
Web: www.kpff.com



Product: Bridge Engineering
Description: KPFF provides planning, design, and construction support services for new bridges and bridge replacements; widening, rehabilitation, and retrofit of structures; load ratings; and inspections. Projects include simple stream crossings, urban interchanges, grade separations over railroads, construction at remote sites, long-span structures, and floating bridges.

VSL

Phone: 800-899-1016
Email: info@structural.net
Web: www.vsl.net

Product: Bridge Construction Services
Description: With experience on over 130 major projects worldwide, VSL has resources from proven systems to constant innovation for the most challenging projects. Resources include special superstructure construction techniques such as cast-in-place cantilever, precast, incremental launching & stay cables. Custom designed equipment includes precast erection gantries, form travelers & strand jacks.

Software Vendors/Developers

ADAPT Corporation

Phone: 650-306-2400
Email: info@adaptsoft.com
Web: www.adaptsoft.com

Product: ADAPT-ABI
Description: Easy-to-use, cost effective, and practical bridge design software for all of your concrete bridge types: balanced cantilever (cast-in-place or precast), incrementally launched, span-by-span, cable-stayed,

precast-prestressed girders with field splicing and topping slab, box girder bridges and more. Handles geometry and stress control during construction and reports service load design values.

Computers & Structures, Inc.

Phone: 510-649-2200
Email: info@csiberkeley.com
Web: www.csiberkeley.com



Product: CSIBridge
Description: From the developers of SAP2000, CSIBridge is a new, comprehensive state-of-the-art software product for the structural & seismic analysis, design and rating of simple and complex bridges. All operations are integrated across a single user interface that provides an easy-to-use and intuitive workflow environment.

GT STRUDL



Phone: 404-894-2260
Email: joan.incrocci@ce.gatech.edu
Web: www.ce.gatech.edu

Product: GT STRUDL
Description: GT STRUDL Comprehensive Linear/Nonlinear, Static/Dynamic analysis features for Frame and Finite element structures includes moving load generation, response spectrum, transient, and pushover analyses. Models plastic hinges, discrete dampers, tension/compression only members and nonlinear connections. Multi-Processor Solver Feature is available which enables the solution of static/dynamic models with over 300,000 DOF.

MIDASoft, Inc.

Phone: 212-835-1666
Email: midasoft@MidasUser.com
Web: www.MidasUser.com



Product: Midas Civil 2011
Description: Midas Civil 2011 is the leading structural steel design software with live load optimizers for curved/straight girder, composite, skewed slab, frame, and arch bridges. Other applications include segmental post-tensioning, suspension, cable-stayed, and culvert bridges. Midas Civil is continuously enhanced to be fast, user-friendly, and equipped with innovative graphic components.

Pile Dynamics, Inc

Phone: 216-831-6131

Email: media@pile.com

Web: www.pile.com/grl

Product: GRLWEAP

Description: GRLWEAP 2010: Available in Standard and Offshore Wave versions. The most widely used pile driving simulation software in now more powerful and user friendly. New features improve the accuracy of predicted stresses, bearing capacities, blow counts and installation time.

POSTEN Engineering Systems

Phone: 510-275-4750

Email: sales@postensoft.com

Web: www.postensoft.com

Product: POSTEN Multistory

Description: Not only the most efficient & comprehensive Post-tensioned Concrete Software that automatically designs the tendons, drapes as well as columns for you (no fiddling, no time wasting), but also the only software specifically designed to produce efficient, cost saving, sustainable designs with automatic documentation of material savings for LEED.

RISA Technologies



Phone: 949-951-5815

Email: info@risatech.com

Web: www.risa.com

Product: RISA-3D

Description: With RISA-3D's versatile modeling environment and intuitive graphic interface you can model any structure from bridges to buildings in minutes. Get the most out of your model with advanced features such as moving loads, dynamic analysis, and over 40 design codes. Structural design has never been so thorough or easy!

Strand7 Pty Ltd

Phone: 252-504-2282

Email: anne@beaufort-analysis.com

Web: www.strand7.com

Product: Strand7

Description: Strand7 is a sensibly priced FEA system. It comprises preprocessing (with CAD import, automeshing), solvers (linear, non linear, dynamic and thermal) and postprocessing. Release 2.4's many new features include staged construction, a moving load module, new solvers including quasi-static for shrinkage and creep/relaxation problems.

Suppliers

CETCO

Phone: 847-851-1800

Email: CDPinfo@cetco.com

Web: www.cetco.com/cdp

Product: Shore Pac Polymer Drilling Slurry

Description: Shore Pac is a free-flowing, dry, granular polymer. Shore Pac polymer has a molecular weight that creates high viscosities at low dosage concentrations. When mixed with fresh water, the polymer chains uncoil creating a strong bond that binds the excavated soil solids, facilitating removal from the excavation.

CONTECH Construction Products Inc.

Phone: 800-338-1122

Email: nollj@contech-cpi.com

Web: www.contech-cpi.com

Product: CONSPAN® Bridge Systems

Description: CON/SPAN Bridge Systems' precast modular units provide quick, aesthetic and environmentally preferred solutions for pedestrian and roadway bridges. Each structure, complete with precast headwalls and wingwalls, is custom-designed and can accommodate architectural treatments/facings. CON/SPAN bridges, with span ranges from 12 – 60 feet, are provided by CONTECH.

Product: CONTECH Structural Plate

Description: CONTECH Structural Plate products include MULTI-PLATE®, Aluminum Structural Plate, Aluminum Box Culvert, SUPER-SPAN™ and SUPER-PLATE® bridge solutions. Structural Plate options feature fast, easy low cost installation and proven durability. These structures, part of CONTECH's bridge product line, account for over 45,000 installations worldwide.

CTS Cement Manufacturing Corp. Rapid Set®

Phone: 800-929-3030

Email: jong@ctscement.com

Web: www.ctscement.com

Product: KSC Type-K Cement

Description: ASTM C-845 Type-K Cement Shrinkage-Compensating Concrete (SCC) has been successfully used in over 800 bridge decks since the 1960s. SCC characteristics include reduced permeability, excellent durability and little to no cracks, increasing the concrete life cycle of the decks and lowering maintenance costs.

Product: Rapid Set® Construction Cement

Description: Rapid Set® is a brand of fast-setting cement products used in concrete applications requiring the highest durability and fastest strength gain, achieving structural or drive-on strength in one hour. High durability makes Rapid Set® ideal for bridges, highways, airport pavements, tunnels, parking decks, and roadways.

Product: Rapid Set® Low-P™ Cement

Description: Rapid Set Low-P Cement is a specialty formulated Rapid Set® cement. When incorporated into a concrete, the performance includes very low permeability, high durability and corrosion resistance. These attributes are highly desirable for structural repairs and bonded overlays in exterior and harsh environments.

The Dyson Corporation, Inc.

Phone: 440-946-3500

Email: mhiggins@dysoncorp.com

Web: www.dysoncorp.com

Product: Fasteners and Construction Accessories

Description: The Dyson Corporation manufactures domestic fasteners, forgings and machined parts for major steel and simple steel bridge structures, including large diameter structural bolts and nuts, wire rope cable sockets, bridge pins and nuts, eye bolts, turnbuckles, clevises, stirrup rods, threaded foundation rods and studs.

Hayward Baker Inc.

Phone: 800-456-6548

Email: info@HaywardBaker.com

Web: www.HaywardBaker.com

Product: Earth Retention

Description: Anchors, Anchor Block Slope Stabilization, Gabion Systems, Micropile Slide Stabilization, Sheet Piles, Soil Nailing, Soldier Piles & Lagging, TRD – Soil Mix Walls, Slurry Walls, Jet Grouting, Cement Grouting.

Product: Structural Support

Description: Augercast Piles, Drilled Shafts, Driven Piles, Franki Piles (PIFs), Helical Piles, Jacked Piers, Macropiles™, Micropiles, Pit Underpinning.

Western Wood Structures

Phone: 800-547-5411

Email: bridges@westernwoodstructures.com

Web: www.westernwoodstructures.com

Product: Timber Bridges

Description: Western Wood Structures is a sales and engineering company specializing in the design, fabrication, distribution, and installation of timber bridges. We design and supply vehicular and pedestrian bridges, using the highest quality, pressure-treated, glulam timber. Experience our enduring commitment to quality, achieved through 40 years of premium performance.

Wheeler

Phone: 800-328-3986

Email: info@wheeler-con.com

Web: www.wheeler-con.com

Product: Prefabricated Bridge Kits

Description: Steel, timber and FRP bridge kits for recreation and vehicular applications. Fully engineered and ready for installation.

Wheeling Corrugating

Phone: 304-234-2326

Email: bensonmw@wheelingcorrugating.com

Web: www.wheelingcorrugating.com

Product: Stay-In-Place Steel Bridge Forms

Description: Wheeling Bridge Form is a heavy-duty steel decking system for forming bridge slabs quickly and permanently. High strength, galvanized Wheeling Bridge Deck is specially designed to sustain heavy loads and adapts to pre-stressed concrete, built-up girders, or steel beam bridges. Wheeling Bridge Deck also provides a safe, solid, working platform.

Williams Form Engineering Corp.

Phone: 616-866-0815

Email: williams@williamsform.com

Web: www.williamsform.com

Product: All-Thread Rebar

Description: Williams Form Engineering Corporation has been providing threaded steel bars and accessories for rock anchors, soil anchors, high capacity concrete anchors, micro piles, tie rods, tie backs, strand anchors, hollow bar anchors, post tensioning systems, and concrete forming hardware systems in the construction industry for over 85 years.

All Resource Guides and Updates for the 2011 Editorial Calendar are now available on the website, www.STRUCTUREmag.org. Listings are provided as a courtesy. STRUCTURE® magazine is not responsible for errors.