

Company	Product Descriptions
Acrow Corporation of America* www.acrowusa.com 973.244.0080	Acrow is an industry leader in the design and manufacture of prefabricated modular steel bridges. Acrow's principal business is the engineering, manufacturing, and supply of Acrow Panel Bridges for emergency, temporary detour, and permanent applications. The product line includes steel beam bridges for short spans, special purpose bridges, heavy shoring, and specialty structures.
Access Controlled Bridge Technologies www.inspectabridge.com 800.617.0299	Fully operated, fueled, and insured. Units are also offered without operators. Under bridge inspection work platforms from 32' to 66' reach. Nationwide rentals by the day, week, or month. Same day quote with full specifications on equipment.
AISC Certification* www.aisc.org/certification 312.670.7520	AISC Certification sets a standard for the steel industry. Their independent auditing company, Quality Management Company, LLC, confirms that companies have the personnel, knowledge, organization, equipment, experience, capability, procedures, and commitment to produce the required quality of work. Companies that are AISC Certified have been through a rigorous initial evaluation and are subject to yearly reviews.
American Galvanizers Association www.galvanizeit.org 800.HOT.SPEC	Get free downloads of technical publications from AGA's web site, including a specifiers' guide to galvanized rebar, bridge project application reports, hot-dip galvanized steel design guides, and more. The accredited, free Galvanize It! seminar educates architects and engineers on specifying galvanized steel for future bridge projects. <i>Galvanizing Insights</i> is a quarterly e-newsletter designed to keep specifiers up-to-date on hot-dip galvanized steel technical information, project applications, industry news, and more. Have a hot-dip galvanizing question? Get toll-free technical support for all of your specifying needs. Get information on all types of hot-dip galvanized bridge products, such as fasteners and reinforcing steel.
Applied Ultrasonics* www.appliedultrasonics.com 205.951.7747	Esonix UIT is being used in the USA, Canada, Europe, and East Asia to retrofit and repair existing weld structures, as well as in new design and construction. This technology is used to enhance the fatigue resistance of bridges, traffic signals, high mast poles, and sign structures.
Barnhart Crane and Rigging* www.barnhartcrane.com 251.654.0541	Barnhart embodies the concept of "Mind over Matter." Barnhart specializes in using cutting-edge technology to provide innovative, engineered lifting and moving solutions for the bridge building industry. You can benefit from Barnhart's innovative, cost saving ideas.
Bendtec, Inc.* www.bendtec.com 218.722.0205	Specializing in pipe bending and fabrication of assemblies for pipelines, steam electric power generating plants, and structural members, including bridge structural members.
Bridge Diagnostics, Inc.* www.bridgetest.com 303.494.3230	Bridge Diagnostics specializes in instrumentation, structural testing, and load rating of highway and railroad bridges. Their equipment and services are primarily for evaluating structures that will be subjected to larger loads than which they were originally designed. Because design and inspections are not performed by Bridge Diagnostics, they complement rather than compete with design firms.
Bureau Veritas* www.us.bureauveritas.com 412.921.8833	Extensive range of technical services in the fields of environmental consulting, geotechnical engineering services, construction materials testing, building code compliance and municipal support, pavement services, and construction inspections and conditions surveys.
Carboline* www.carboline.com 800.848.4645	Carboline offers an in-depth product lineup for solving steel corrosion problems through protective coverings, coatings, and linings. Carboline's product lines include permanent zinc primers, rapid cure shop primers and intermediate coats, and long-term weathering finishes.
Clodfelter Bridge & Structures Intl., Inc.* www.cbsiusa.com 713.675.1180	CBSI is a resource for engineering matters related to cable-supported structures. In addition to consulting services, CBSI personnel design, contract for, storehouse, and supply both custom and standard bridge strands, ropes, and related structural sockets, castings, and forging.
Consolidated Systems—Bridge Dek™ Group www.metaldetek.com 901.969.3055	Stay-in-place forms, support angles, and accessories to span distances between beams ranging from 1.5' to 13'.
The D.S. Brown Company* www.dsbrown.com 800.848.1730	Manufacturer of expansion joints, bearing assemblies, and specialty products. D.S. Brown's extensive product line includes Steelflex® modular expansion joint systems, Versiflex™ bearing assemblies, Cableguard™ elastomeric wrap, Exodermic® bridge deck, Fiberbond™ FRP (Fiber Reinforced Polymer) systems, and other specialty products.
Florida Department of Transportation (FDOT)* www.dot.state.fl.us 850.414.4255	Visit the Florida Department of Transportation booth at the 2005 World Steel Bridge Symposium.
High Steel Structures, Inc.* www.highsteel.com 717.390.4270	High Steel Structures, Inc. is a full service fabricator of steel superstructures for bridges, as well a plate girder manufacturer for major building, stadium, and plant projects. High Steel also offers erection services for bridge steel superstructures over land and water. High Steel has extensive design-build delivery system and emergency bridge repair experience.
Hilti, Inc.* www.us.hilti.com 800.879.8000	The Hilti Group is a world leader in developing, manufacturing, and marketing products for professional customers in the construction industry. Their product offering includes direct fastening systems, special anchors, construction chemicals, installation and measuring systems, drilling and demolition tools, diamond coring, and cutting and sawing systems.
Houston Structures, Inc.* www.ulvencompanies.com 888.558.9779	Visit the Houston Structures booth at the 2005 World Steel Bridge Symposium.
IMPACT (Ironworker Management Progressive Action Cooperative Trust)* www.impact-net.org 800.545.4921	A Labor Management Taft-Hartley Trust whose primary mission is to expand job opportunities for union ironworkers and their signatory contractors through progressive and innovative labor management cooperative programs.

* indicates World Steel Bridge Symposium exhibitors. For more information, visit www.nsbaweb.org.

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Industrial Galvanizers* www.indgalv.net 888.442.4258	Industrial Galvanizers provides high quality hot-dip galvanizing with five plants conveniently located in the southeastern United States. All customer material is processed throughout the IGCMS—a compliance management system that incorporates ISO 9000, ISO 14000, and OHSAS 18001.
Interlocking Deck Systems International* www.idsi.org 412.682.3041	IDSI is dedicated to the design and manufacturing of open and concrete-filled steel grid deck systems and structural components for new bridge construction and bridge rehabilitations. IDSI also provides in-plant precision machining, steel fabrication, and heavy stamping die fabrication for general industry.
KTA-Tator, Inc.* www.kta.com 412.788.1300	KTA-Tator, Inc. is a full-service consulting engineering firm specializing in protective coatings, welding inspection, and lead paint abatement services. Services include field and shop inspection (surface preparation, coatings application, welding), hazardous paint management services, laboratory testing, failure analysis, expert witness services, training, specification preparation and review, project management, project planning, and support services.
LB Foster Company* www.lbfoster.com 800.255.4500	LB Foster manufactures steel grid bridge decking and bridge railing, and sells and rents sheet, H-bearing, and pipe piling. Additional products include mechanically stabilized earth wall systems, precast concrete products, and coated and threaded pipe. Foster also provides rail, track work, and accessories to railroads, mass transit, mines, and industry.
LeJeune Bolt Company* www.lejeunebolt.com 800.872.2658	LeJeune Bolt Company has been a leader in structural and tension control fastening for nearly 30 years. Their reputation is built on quality products and unmatched customer service to the structural steel industry.
Lincoln Structural Bolt* www.lincbolt.com 800.571.6884	Lincoln Structural Bolt is an ISO 9001:2000 certified distributor of structural products including structural bolts, nuts and washers, load indicating washers, tension control bolts, structural metric products, expansion anchors, all thread rod, and coatings—Plain Type 1, Type 3, MGD, HDG, and zinc plated.
Mammoet* www.mammoet.com 519.740.0550	Mammoet, a member of the Van Seumeren Group, is a worldwide leader in engineered transport and heavy lift. Mammoet specializes in the rapid removal and installation of bridges over road, rail over water.
McClain and Co., Inc.* www.mcclainandcompany.com 888.889.1284	Under-bridge access equipment rentals including Aspen Aerials, Paxton-Mitchell, and Moog Platforms. Includes the A-75, UB-60, UB-50, and UB-30 rail mounted units; Mark IV; a variety of 40' bucket and platform Snoopers®; Moog; and truck and trailer mounted platforms ranging 35' to 70'. Certified operators plus supporting MOT services; high-reach and bucket trucks 27'-90'; and safety and pontoon boats.
MDX Software* www.mdxsoftware.com 573.446.3221	Curved and straight steel bridge design and rating software for AASHTO ASD, LFD, and LRFD specifications.
National Steel Bridge Alliance* www.nsbaweb.org 312.670.7012	The National Steel Bridge Alliance is organized and dedicated to better serve its customers and members with state-of-the-art design and construction of steel bridges. NSBA is a unified industry organization of businesses and agencies interested in the development, promotion, and construction of cost-effective steel bridges.
Non-Destructive Testing Group, Inc.* www.nondestructivetesting.com 800.748.0208	Non-Destructive Testing services include structural steel bridge and building inspection and testing, material testing, mechanical integrity, welder qualification and weld inspection, NDT laboratory testing, and more.
Nucor Fastener Division* Nucor-Yamato Steel* www.nucor-fastener.com www.nucor-yamato.com 800.955.6826	Nucor Fastener is a manufacturer of 100% made in the USA carbon and alloy steel hex head cap screws, heavy hex structural bolts, dome head Tru-Tension® tension control assemblies, nuts and build-to-print specials in inch and metric sizes. Products are offered in various grades with finishes and thread coatings to meet your fastening requirements. Nucor-Yamato Steel Company is a manufacturer of wide-flange structural steel shapes, steel H-piling and sheet piling, angle, channel, miscellaneous channel, standard, and car building shapes. Grades include ASTM A36, ASTM A328, ASTM A572, ASTM A588, ASTM A690, ASTM A709, and ASTM A992.
Opti-Mate, Inc. www.opti-mate.com 610.530.9031	Opti-Mate's Merlin Dash is software for analysis, design, or construction staging of prismatic, tapered, or haunched steel I-girder bridges with rating or code checking based upon the AASHTO WSD, LFD, or LRFD specifications. Use Descus I Software for analysis, design, or construction staging of horizontally curved steel I-girder bridges with rating or code checking using the AASHTO specifications. Descus II is the same as Descus I but for horizontally curved steel box girders. Use SABRE Analysis for highway sign structures and luminaires with code checking using the AASHTO specifications.
Paxton-Mitchell Company* www.paxton-mitchell.com 402.345.6767	Manufacturer of Snoopers® bridge inspection and maintenance cranes. Snoopers® is a widely used bridge inspection crane that is capable of under-bridge reaches from 30' to 60'. Available in basket, platform, or combination configurations.
R.J. Watson, Inc.* www.rjwatson.com 716.691.3301	R.J. Watson, Inc. is a worldwide designer, manufacturer, and supplier of bridge bearings, expansion joints, fiber composites, and spray applied membrane for the bridge and highway industry.
Ropelink Ltd.* www.ropelink.com 212.295.2122	Ropelink is an industrial rope access company providing highly trained personnel to carry out a comprehensive range of inspection support, maintenance, and repair services in difficult and high access locations for engineers, architects, building owners, facility managers, and contractors.
Roscoe Steel* www.roscoebridge.com 406.656.2253	With two plant locations in Montana, one in Billings and one in Missoula, and a plant located in Casper, WY, Roscoe Steel is a dynamic bridge company, providing pre-engineered modular vehicle bridges, pre-engineered trails and pedestrian bridges and plate girder/rolled beam highway bridges for the past 50 years.
St. Louis Screw & Bolt Co.* www.stlouisscrewbolt.com 314.389.7500	St. Louis Screw & Bolt manufactures and distributes all types of structural fasteners including A325-1, A325-3, A490-1, A490-3, A449, and A354. They carry a full line of TC Bolts in F1554 (A325) and A490. St. Louis offers products plain, hot-dip galvanized, mechanically galvanized, and in weathering steel. Size ranges from 1/2" to 4" diameter in any length range. St. Louis also supplies anchor rods in grades 36, 55, and 105, and A449 or stainless steels.

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Saltech Bridges* www.saltechontario.com 902.422.2000	Since inclusion of fiberglass reinforcement and thermosetting resins in the Canadian Highway Bridge Design Code (CHBDC) in the year 2000, Saltech has taken an industry-leading role in providing corrosion resistant, cost-effective bridge solutions for both the industrial and municipal infrastructure sectors.
Sherwin-Williams* www.sherwin-williams.com 800.524.5979	Manufacturer of high-performance coatings and linings, including ExpressTech™ coatings engineered for improved productivity.
Skyline Steel* www.skylinesteel.com 973.428.6100	Skyline Steel is a manufacturer, fabricator, and distributor of steel foundation systems and solutions. Skyline creates value for owners, contractors, and consultants through value-added engineering support and cost effective product application. From concept through design to construction, experienced engineers will complement your design team to help realize savings without compromising quality.
Solicor* www.solicor.ws 450.641.4000	Solicor fabricates the Sandwich Plate System (SPS), a structural product consisting of two steel plates bonded to a solid elastomer core. This product makes it possible to design efficient and lightweight structures that reduce the overall cost of building infrastructures while increasing service life. Used mainly in the maritime industry for decks, ramps, and bulkheads, SPS technology is also used for mid- and long-span bridge deck construction.
SSPC—The Society for Protective Coatings* www.sspc.org 412.281.2331	The mission of the Society for Protective Coatings is to advance the technology and to promote the use of protective coatings to preserve industrial, marine, and commercial structures, components, and substrates.
Sorbtex Expansion Bearings www.vossengineering.com 800.323.3935	Sorbtex (CDP/pre-formed fabric) expansion bearings transfer high vertical loads, accommodate rotations to 0.025 radians, and provide unlimited longitudinal movement capacity in a low profile, short lead time assembly. Sorbtex VSB Series low friction slide plates are fabricated to order from stock materials. The typical configuration utilizes 3/32" glass filled PTFE bonded to 10 ga carbon or stainless steel backing plate. The company's Neosorb bearing pads are AASHTO grade unsupported polychloroprene (neoprene) bearing pads. Neosorb is available in 50, 60, or 70 durometer hardness and stock thickness of 1/8", 1/4", 3/8", 1/2", 3/4", and 1". Fiberlast pads are a cross layered random-oriented fiber material that is available in stock thicknesses of 1/4", 3/8", 1/2", 3/4", and 1".
Taylor Devices, Inc. www.taylordevices.com 716.694.0800	Taylor Devices' fluid viscous dampers are supplemental devices used in structures to dampen the vibrations caused by earthquake shaking, wind vibration, or other structural excitation. Forces and deflections are simultaneously reduced by out-of-phase response of device. Taylor's Shock Transmission Units (STU/LUD) are used in structures to transmit dynamic forces from one portion to another by providing large resistance to dynamic input. They provide little resistance to slow inputs (thermal expansion). The company's cable dampers are used to dampen cables on cable stayed bridges from rain/wind induced vibrations. They can be designed to provide hurricane protection for the cables supporting the deck. Tuned Mass Dampers (TMD) are comprised of mass, springs, and dampers. They can counteract motion and provide damping in large span structures where there is no alternative to attach direct acting fluid viscous dampers to a fixed reaction frame.
Tennessee Galvanizing, Inc.* www.tennesseegalvanizing.com 423.942.1020	Hot dip galvanizing structural and miscellaneous fabricated steel hand rails, all thread rod, bolts, U-bolts, and anchor bolts.
TurnaSure LLC* www.turnasure.com 215.750.1300	TurnaSure has one of the most advanced and comprehensive ranges of Direct Tension Indicators (DTIs) in the world. Now with ingenious geometry introduced, accuracy is tested to show proper load to plus or minus 1% at test gap, yet can be fully flattened so installers can easily check gaps without a feeler gauge.
United Steel Deck, Inc. www.njb-united.com 908.277.1617	Providing 2"- and 3"-deep steel bridge form deck with various pitches and yield strengths; 16 ga maximum thickness. Some profiles are available with factory-closed ends. Galvanized finishes are G165 and G235. Long span deep bridge steel deck profiles in 4.5", 6", and 7.5" depths. Finishes include G165 and G235 galvanizing. 10 ga maximum metal thickness; 40 ksi yield strength.
U.S. Bridge* www.usbridge.com 740.432.6334	Industry leader in design and manufacture of pre-engineered vehicular and pedestrian steel truss and beam bridges for federal, state, county, and private bridge projects. Truss bridges to 160' clear span. AISC Certified for major steel bridges. First in industry to offer hot dip galvanizing with 35-year warranty against corrosion.
Watson Bowman Acme Corporation* www.wbacorp.com 716.691.7566	Watson Bowman Acme Corp. is an ISO9001:2000 certified company and industry leader in developing, manufacturing, and delivering expansion control and specialty products to the transportation market. Fabricated expansion control systems, armorless expansion control systems; seismic expansion control systems; and specialty metal fabrication.
Westfall Company, Inc.* www.westfallcompany.com 636.343.5855	Fiberglass drain systems and other corrosion resistant products for elevated highways, bridge approaches, and bridges. New solutions for age-old problems.
Wheeling Corrugating Company* www.wheelingcorrugating.com 304.234.2326	Wheeling Corrugating is one of America's leading fabricators of roll formed products for residential, agricultural, construction, highway, and bridge building markets. Wheeling Corrugating offers bridge form, a heavy duty steel system for forming concrete bridge deck slabs quickly, safely, and economically. Bridge form is fabricated to individual project specifications from high strength, galvanized steel.

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