

# Reinforcing News

## Big changes made... and more to come at StelCrete

### General Manager, Bob Hansen

Bob Hansen, who joined StelCrete in 2008, accepted the responsibilities of General Manager in 2012 and prepared StelCrete for change. The appointment followed an announcement in 2011 that he had accepted the position of Technical Sales and Engineering Manager.



Bob joined StelCrete after 15 years in the steel manufacturing industry. He started work as a welder when he was 15, paid for his studies in computer sciences at Brock University and civil engineering at McMaster University by working as a welder/fitter. After university, he was employed with John Deere, Toyota and Etmeco. At Etmeco, he worked in sales and management before joining StelCrete.

StelCrete is a quickly growing company that is expanding its assembly and distribution facilities, while entering new markets and forming strategic alliances with major suppliers to the precast concrete and poured-in-place concrete industry sectors. Hansen accepted the handoff of responsibilities from Robert Nichols, who managed the day-by-day operations and built a culture of quality, service, and value for over two decades. Robert remains with StelCrete as a senior advisor to StelCrete's management team.

Contact Bob Hansen, GM at 905-735-9993—ext 4238, or [bhansen@stelcrete.com](mailto:bhansen@stelcrete.com).

### Business Development Manager, Steven Robichaud



StelCrete has announced that Steven Robichaud has been hired as Business Development Manager in October. Steve has over 17 years of sales and management experience with a recent focus on the precast and concrete reinforcement industry.

Steve brings extensive knowledge of the steel industry to StelCrete, focused on precast reinforcement and related products and services.

Steve can be reached by phone at 705-796-2035 or [srobichaud@stelcrete.com](mailto:srobichaud@stelcrete.com).

### Inside this issue:

StelCrete teams with PSI to supply NU prestressed concrete girders	2
www.stelcrete.com a source for information	3
Salit Steel Service Centre and Rebar Division	3
Salit Specialty Rebar—premier stainless steel rebar supplier	3
StelCrete adds wire mesh to its line of products and services	4
Strategic partnership with HawkeyePedershaab	5
StelCrete and Insteel pen strategic partnership	5

### Introducing Salit Steel Etobicoke!

Salit opened its Etobicoke, Ontario location in August, 2012. The 40,000 square-foot plant is a twin style, two way building with each bay approximately 70 feet wide and 275 feet long. The style of building is ideal, as it allows efficient handling of variable rebar lengths and fabricated products. The plant is located centrally within the Greater Toronto Area rebar market. It is fabricating rebar and assembled rebar products with sixteen employees on two shifts.

Back row left to right: Dexter Nickie, Garth Bobb, Michael Thomas, Ronald Mendez, Luccio Capalbo, Victor Misola, Middle row left to right: Clayton Dover, Devon Pew, Ron Burns, Kyle Wasylin, Abraham Diaz, Jay Tanate Front row left to right: Osagle Eghareuba, Roberto Lozano, Zishan Khan



## StelCrete teams with PSI to supply pre-assembled reinforcement used in Ontario's first NU prestressed concrete girders

In 1975, Rigo Collavino co-founded **Prestressed Systems Inc.** in Windsor, Ontario. The company's initial focus was on the manufacture and installation of hollowcore floor and roof slabs for the Ontario and Michigan construction markets. Today, Collavino's son Loris serves as the C.E.O. of a strong and dedicated team, which has been instrumental in the growth of the company into a full-service precast manufacturing organization.

The Prestressed Group is a proven national leader in the manufacture and installation of prestressed/precast concrete solutions, with a workforce of over two hundred employees and projects ranging from Ontario to Kentucky, and Indiana to New York. Products supplied by PSI include bridge girders, box beams, and deck panels; hollowcore; architectural precast; exterior panels and cladding; stadium seating; beams and columns; sound barrier walls; and double tees.

The Windsor-Essex Parkway (WEP) is the first project in Ontario to employ "NUs," prestressed concrete girders named for their developers at Nebras-



Loris Collavino, owner of Prestressed Systems Inc. inspects some of 546 concrete and steel bridge girders which will be used on The Windsor-Essex Parkway. The girders are structural members that span over the main roadway. (NICK BRANCACCIO/The Windsor Star)

ka University. Every day, up to three (85-foot-long) prestressed concrete NU girders are manufactured for the WEP project. Each weighs 47-tonnes and is poured around a two-tonne cage of re-bar and 50 0.6-inch diameter steel strands. Each strand is pulled with 40,000 pounds of hydraulic pressure.

Windsor Essex Parkway is the roadway component of the new Detroit River International Crossing. The crossing provides safe, efficient and secure movement of people and goods across the Canada-US border.

This WEP will create a direct route connecting Highway 401 in Windsor, Ontario to Interstate 75 in Detroit, Michigan.

The project has an anticipated capital cost in excess of \$1.4 billion, approximately half of which relates to the structures. The design and construction is approximately four years beginning in 2011.

Contact Loris Collavino at [lcollavino@psi-hci.com](mailto:lcollavino@psi-hci.com), and see <http://psi-hci.com/index.htm>

Prestressed Systems Inc. of Windsor is looking to Stelcrete to supply rebar and mesh for 546 girders and other precast concrete bridge components



Watch a time lapse video of the installation of one of the WEP structures using NU girders by opening the link of the YouTube logo, or pasting the following URL into your browser.

[http://www.youtube.com/watch?feature=player\\_embedded&v=csd46LIYTvI](http://www.youtube.com/watch?feature=player_embedded&v=csd46LIYTvI)

[www.stelcrete.com](http://www.stelcrete.com) a source for archived product and service info...

If you haven't visited the site for project and product information, or what is going on in other divisions of Salit, take 5 minutes and check us out...

Number of visitors per year	~30,000
Average monthly visitors	~2,500
Returning visitors/month	~350
Top 3 Canadian regions viewing the site	Ontario, Quebec, British Columbia



Major projects being supplied by the Salit Service Centre and Rebar Division include the Windsor Essex Parkway (regular bridges, post tensioned bridges and tunnels); Toronto Transit Commission Sheppard Station; and the Toronto Transit Commission York Station.



The inventory of Salit Steel includes wide flange beams, tube, angles, channels, bars, sheet and plate, and other hot rolled carbon products. Vertical and horizontal components are supplied to clients in multiple sizes and configurations. Clients are assured of quality control and products that are building code compliant. Client service is at the core of Salit's business practice, and when deadlines are tight, priority processing is a routinely implemented.



SSR's facility is located in Niagara Falls, New York. Its proximity to the Canadian border and to major freight lanes allow SSR to ship orders of any size to locations throughout North America, the Caribbean, and the Pacific Islands. The company is the premier stainless steel rebar supplier and fabricator in North America.

Salit Specialty Rebar has a library of project case studies archived on the StelCrete Web site. Each issue describes the many applications of stainless steel rebar throughout the company's market area. To access the archives, go to the following link. Contact Kevin Cornell at [kcornell@stainlessrebar.com](mailto:kcornell@stainlessrebar.com) or 1-877-299-1700 to help you with your project.

<http://www.stelcrete.com/Home/Corporate/TheRebarStandard.aspx>

THE STAINLESS REBAR STANDARD

**Stainless steel specified for elements of Edmonton North Light Transit Extension**

In June 2009, Edmonton City Council adopted a long-term Light Rail Transit (LRT) Network Plan which includes the City's long-term transportation needs and a commitment to grow with the needs of green development, and create a compact, more integrated urban environment where roads, transit, and transit services are integrated. The LRT will operate on a dedicated right-of-way, although it will not run within the urban core. This form of urban transit is becoming the system of choice by many city planners.

The project consisted of constructing the rail bed, at-grade, station, and special roadway coverage over a 3.5 km right-of-way through the City.

A total of 2,000,000 pounds of grade ASTM A307 SS304/304L stainless steel rebar was used on the rail bed and the three rail lanes. This grade was chosen because of its excellent price point, and resistance to corrosion. Given the low magnetic permeability of type 304/304L stainless steel, it significantly reduces the cost associated with managing stray current effects.

The challenge for our customer, A.H.I. Steel of Edmonton was to manage the logistics involved in effectively moving a 3.5 km job site which occurred in a way through the downtown City core without interfering with traffic, while maintaining the schedule of a compressed schedule dictated by a tight construction season.

1888 Corporation - Niagara Falls, New York - 1088  
 Telephone: 716-299-1700 • Fax: 716-299-1700 • E-mail: [kcornell@stainlessrebar.com](mailto:kcornell@stainlessrebar.com)  
[www.stainlessrebar.com](http://www.stainlessrebar.com)

## StelCrete adds wire mesh to its line of products and services

StelCrete introduced its wire products program to address challenges faced by the precast industry. Wire based reinforcement offers the same strength benefits as traditional rebar reinforcement, while reducing the overall weight, handling and cost of the reinforcement. Once wire products became a focus, StelCrete partnered with Insteel to complement its own wire production operations.

Custom wire bending equipment allows StelCrete to produce deformed wire stirrups from D6 to D24. All of products are tested to the latest ASTM A1064/A1064M -12 Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete by an independent outside testing facility.

For wire mesh products, Stelcrete offers full bending and assembly (by welding) services. Its services are available to complement customers' operations should they require extra capacity. Skilled teams paired with custom, high capacity, mesh bending machines assist with projects of all sizes, including OPS mesh boxes and NU girders. StelCrete's wire products are in use in many industries from precast, poured-in-place, agriculture, transportation and mining.

Stelcrete produces and distributes wire products from its Fort Erie facility, and products are stocked at Stelcrete and Salit facilities throughout Ontario to be closer to customers. The company invested in specialized equipment for its wire program that includes a Tiger wire drawing line, Lewis straight and cut, Schnell stirrup benders, an Elk River mesh bender, and standard cog-style mesh benders. Stored and ready for shipment are coil



Stelcrete is producing and stocking wire in smooth and deformed sizes from W2.5 through D12. D12 to D31 deformed wire is manufactured by Insteel for distribution in Canada. Coil packs are offered in 1500-lb. to 5000-lb. sizes. Straight and cut materials are produced and stocked in sizes ranging from W2.5 through D6. Standard industry sizes of straight and cut wire bundles are stocked for rapid shipment to customers. An inventory of drawn wire coils can be straightened and cut on short notice to meet lead times facing customers.

packs, straight and cut bundles, NU style girder mesh, and mesh for OPS boxes. Other mesh is stocked on request, in addition to standard construction mesh styles and sizes.

StelCrete wire is branded with the Salit name to promote a company that has been servicing customers since 1905. StelCrete is a major operation within the Salit family of companies and divisions, and advertises Salit's century of quality and service on its products with confidence. Contact [Steve Robichaud](#) or [Bob Hansen](#) for a list of products and sizes.

## Strategic partnership with HawkeyePedershaab extended—catalogue released



Hawkeye of Canada, Ltd. and StelCrete joined forces in 2010 to market and distribute spacers in Eastern Canada from Saskatchewan to the Maritimes. The partnership has been extended through HawkeyePedershaab, and StelCrete now has the latest product catalogue.

HawkeyePedershaab has released its new catalogue for spacers and reinforcement accessories. It is available by contacting Steve Roubichaud at 705-796-2035 or [sro-bichaud@stelcrete.com](mailto:sro-bichaud@stelcrete.com).



**Request a new spacer catalogue, now.**

Ask Nancy for free gloves when placing your next \$1,000 order and she will have them shipped to you.

## StelCrete and Insteel pen strategic partnership



StelCrete and Insteel have entered into a strategic partnership.

Insteel Wire Products is the largest manufacturer of steel wire reinforcing products for concrete construction applications in the U.S. The company manufactures and markets prestressed concrete strand and welded wire reinforcement, including concrete pipe reinforcement, engineered structural mesh and standard welded wire reinforcement. Its products are primarily sold to manufacturers of concrete products that are used in nonresidential construction. For fiscal 2011, Insteel estimated that approxi-

mately 90% of its sales were related to nonresidential construction and 10% were related to residential construction.

Insteel operates nine manufacturing facilities located in the United States. Its corporate office is located in Mount Airy, North Carolina ([www.insteel.com](http://www.insteel.com)).

StelCrete and Insteel entered into a strategic partnership in 2012 to share markets and distribution chains in Canada and the USA. StelCrete becomes the official repre-

sentative of Insteel in Canada. The agreement enables StelCrete to build its share of the wire mesh market in Canada and to offer its standard products and services to markets in the United States. In addition, the agreement creates an environment where Insteel's products will compliment StelCrete's existing products. It strengthens StelCrete's exposure in the precast concrete community with drawn wire, straight and cut wire and pre-assembled rebar products.



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StelCrete Industries Limited  
90 Centre Street  
P.O. Box 96  
Welland, Ontario L3B 5P2 Canada

T: 905.735.9993  
Toll Free: 866.924.0837  
F: 905.735.3955  
Production and Shipping  
F: 905.735.8440

**stelcrete.com**  
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**www.stelcrete.com**

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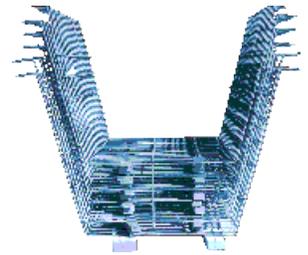
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## Insteel Wire Products

...continued from page 5

StelCrete produces much of its preassembled mesh products with its Tiger equipment that allows drawing wire up to W/D 10 in finished diameter.

cage making machines that produce the reinforcement cages for reinforced concrete pipe, and the manufacture of mesh.



StelCrete placed a Tiger in its Fort Erie facility in the summer of 2010 to produce draw wire. The machine has been operational since October of that year.

Tiger equipment is produced by REX machinery and Steel LLC of Charlevoix, MI. REX Machinery & Steel provides raw materials at dramatic savings, and innovative equipment to produce drawn wire

For information about the partnership, contact Bob Hansen at [bhansen@stelcrete.com](mailto:bhansen@stelcrete.com), or phone 905-735-9993—ext 4238

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[www.salitsteel.com](http://www.salitsteel.com)

