

NEWSUPDATE

PROVIDING THE RIGHT SOLUTIONS



Please allow us to re-introduce ourselves.
Shaw Pipe is now...

Shaw Precast Solutions

In case you were wondering, Shaw Pipe makes a lot more than just “Pipe”. Through new product development, recent plant expansions, increased quality standards, innovative and forward thinking from our people and the customers we supply, we felt it was time for a change. And although pipe is still a VERY important part of what we do, it is not the ONLY thing we do.



New Corporate Name	Shaw Precast Solutions
Address/Phone	Address PO Box 2130, Lantz, NS , B2S 3G4 Toll Free 1-888-777-SHAW (7429) Tel: (902) 883-2201 Fax: (902) 883-1273
New email addresses	John Greer jgreer@shawprecastsolutions.com Rylan MacDow rmacdow@shawprecastsolutions.com Lori Campbell lcampbell@shawprecastsolutions.com Barry Gallant bgallant@shawprecastsolutions.com Alden Faulkner afaulkner@shawprecastsolutions.com Patty McKenna pmckenna@shawprecastsolutions.com Karen Chalmers kchalmers@shawprecastsolutions.com Sales sales@shawprecastsolutions.com
New Corporate Logo	
New Web Address	www.shawprecastsolutions.com



> CONCRETE PIPE ...diameters ranging from 300mm to **3600mm**



Shaw Precast Solutions successfully supplied 106 sections of 3600mm Class 140D reinforced concrete pipe to Route 8 in Marysville, New Brunswick in 2009. This pipe has 30 meters of cover over top of the pipe, each pipe section weighs 31,000 kgs



Shaw Precast Solutions knows a little about manufacturing pipe and maintenance structures, we have been in this business locally for more than 50 years, it is where we got our start. We have seen a few changes over those years, including lubeless Tylox superseal gaskets for pipe and manholes, in-wall A-Lok gaskets for pipe diameters up to 1500mm RCP, Dayton lift pins for handling larger sizes & specialized mix designs.

- Standard Manhole Diameters** - 1050mm, 1200mm, 1500mm, 1800mm, 2400mm, 3000mm, and 3600mm
- Standard Pipe Diameters** – 300mm, 375mm, 450mm, 525mm, 600mm, 750mm, 900mm, 1050mm, 1200mm, 1370mm, 1500mm, 1800mm, 2100mm, 2400mm, 3000mm, and 3600mm.

> BOX CULVERTS ... available box sizes range from 900m x 600mm to 6.0m x 3.6m and EVERYTHING IN BETWEEN



Shaw Precast Solutions produces more available box sizes than any other manufacturer. Our modular box form allows us to manufacture ANY size that you require. We also inventory two available standard sizes, 1.8m x 1.2m and 2.4m x 1.8m

Standard Sizes Include –
Limitless...



In the spring of 2008, Shaw Precast Solutions Supplied the largest precast boxes ever manufactured and installed anywhere in Atlantic Canada. These 4100mm x 4300mm units weigh 19,000 kgs, and provide safe passage for wildlife on Route 7 and Route 8 in New Brunswick.

> BEBO CONCRETE ARCHES



Shaw Precast Solutions recently supplied two triple Bebo culvert installations. This project in Wabush, Labrador ties for the largest span in North America. A Bebo E84T was one culvert supplied, the culvert has a span of 27 meters and a rise of 10 meters.



Bebo C72T at Nine Mile River, Highway 103 twinning in Tantallon, N.S.

BEBO Arch™ units are high quality, low maintenance precast structures which can be used in a variety of applications. We offer a wide range of available Bebo Arch spans. Ranging in size from our smallest E20, up to and including the largest available Bebo Arches ever produced in North America, the E84T, Shaw Precast Solutions has the arch to meet your project requirements. Standard available sizes include the Bebo E20 (6m), E30 (9m), C42T (13m), E60T (18m), and E84T (26m).



Bebo E60T and NEELCO MSE wall at Dartmouth Crossing Pond-side Amphitheatre in Dartmouth, N.S.



Shaw Precast Solutions supplied this CDS5640 at Portland Hills, Phase 7A and 7B, in Dartmouth, Nova Scotia. This unit is constructed from 2400mm diameter manhole and 3.0m x 3.6m utility vault components. Capable of treating up to 255 liters/second before discharging the stormwater runoff into the environment.

SHAW PRECAST SOLUTIONS | shawprecastolutions.com

> CONTECH STORM WATER TREATMENT CHAMBERS



Contech CDS4040 installed at WalMart Dartmouth Crossing, Dartmouth, N.S.



Contech Stormwater Treatment is the leader in on-site stormwater treatment. First introduced by Shaw Precast Solutions in 2003, there have been **more than 100 successful installations in Atlantic Canada** since that time. Units range in size from our smallest CDS20154 catch basin unit, treating 20 liters/second, up to the PSWC56_78, able to treat a flow of 700 liters/second. Shaw Precast

Solutions is proud to have supplied the largest unit ever in Atlantic Canada, a CDS5668, treating 538 liters/second at the Russell Lake Commercial Development.

Shaw Precast Solutions provides the following services and/or technical reports with all installations: Sizing estimate package based on site specific hydrology, model efficiencies and TSS removal rates based on local rainfall intensity data, CDS model specifications, site and project specific drawings in AutoCAD, and site specific hydraulic calculations provided on a request basis.

> SHAWSPAN

ShawSpan rigid frame structures were introduced to the marketplace in 1985, developed by SHAW, for SHAW. Since that time, the market for three sided rigid structures has evolved, and so has the ShawSpan. First introduced with span sizes ranging from 5.0 meters to 11.0 meters, the SuperShawSpan is now available for spans as large as 15.5 meters from a non-prestressed element. Don't be fooled, there is **ONLY ONE SHAWSPAN**. Standard Spans – 4.0 meter, 5.0 meter, 6.0 meter, 7.0 meter, 8.0 meter, 9.0 meter, 10.0 meter, 11.0 meter, 12.0 meter, 13.0 meter, 14.0 meter, and 15.0 meter



ShawSpan 7.0 meter span with T-Wall wing wall arrangement at Millwood, N.S.



A Super ShawSpan was installed at Begman Brook in 2006. This was the first Super ShawSpan ever installed, it has a span of 15.5 meters. It was also the first structure supplied by Shaw Precast Solutions that incorporated the use of galvanized reinforcing steel. Since that time galvanized reinforcing steel has become common practice for use in many Shaw Precast Solutions products.

Shaw Precast Solutions supplied this four section precast bridge and railing, complete with precast curb and architectural veneer finish for the North Dartmouth Trunk Sewer Project. The 4.3 meter span x 3.6 meter rise structure serves two purposes. First, it allows pedestrians and maintenance vehicle access to the north side of Lake Banook. Secondly, it permits the 1500mm trunk sewer to cross underneath the natural stream bed.



> STONE STRONG®

WE ARE THE BIGGEST BLOCK IN THE MARKET, and NO ONE ELSE COMES CLOSE.

STONE®
STRONG
systems



Stone Strong Systems retaining wall constructed at St. Margaret's Bay Road lane widening project, Halifax, N.S.

Our units are twice the size of any competitor. Each unit has a total face area of 2.25m², or 24 ft². Shaw Precast Solutions is pleased to provide the entire wall envelope to our customers. This includes design drawings, layout and geometry, full professional wall design, stamped drawings and on-site technical supervision and support. Stone Strong Systems can be designed and constructed as either a gravity wall, utilizing CIP mass extensions, OR as a MSE wall system, incorporating Synteen geo-grid reinforcing.

> ECOFLO® SEPTIC SYSTEM



Shaw Precast Solutions first introduced Peat Treatment Technology to the market place in 2003. Shaw Precast Solutions was a pioneer in the peat business. New and exciting Peat technology is currently being offered and supplied to the water and wastewater market place. ECOFLO® Peat Systems are lighter, less expensive, and easier to install than any other C2 or C3 technologies available.

The Ecoflo® system is an excellent alternative to a standard disposal field. It can be adapted to all types of sites and often significantly reduces the surface area needed to install an individual wastewater treatment system. Ecoflo® blends into your landscape with only the access lid showing above ground.



> HEADWALLS

Shaw Precast Solutions offers the entire range of sizes and orientations to meet your project requirements. Different configurations available include accommodating pipe sizes up to and including 1500mm RCP, variable invert and center line elevations, specific mix designs, smooth hole or in-wall A-Lok gaskets can all be provided.

These units have all been professionally designed, with sliding, overturning, and bearing pressure all being incorporated into the calculations. Shaw Precast Solutions will provide stamped drawings and AutoCAD drawings to the project designer. As with all other Shaw Precast Solutions supplied products, we have utilized our Dayton Lift Eye system for handling these units, so that a safe and secure lifting connection is always assured.

We also provide a step-by-step installation guide for both the designer and the contractor. Shaw Precast Solutions is also responsible for the supply of the required grates and handrails, so that you can be assured of the proper size and orientations being provided to the site.



Shaw Precast Solutions supplied 38 special headwall units to the Petitcodiac River Aboiteau rehabilitation. Headwalls required CXL exposure concrete, an increased 300mm wall thickness and A-Lok in-wall gaskets for pipes up to 1600mm OD.



Shaw Precast Solutions 1900x1900 headwall complete with a 1200mm RCP penetration, and Shaw supplied handrail.

> A-LOK



Engineers and designers have been referring to A-Lok generically, much like Band-Aid or Kleenex in Atlantic Canada for the past 35 years. Shaw Precast Solutions would like to advise you that there is **ONLY ONE A-LOK**, and Shaw Precast Solutions is the EXCLUSIVE manufacturer, distributor, and producer utilizing them in all of our watertight products.

As consultants and designers began to become more concerned about watertight sewer systems, in-wall gaskets were the natural transgression for us, eliminating the costly, expensive, and unreliable grouted connections.

Shaw Precast Solutions is the only manufacturer to provide these in-wall gaskets for 100% of manhole diameters for 100% of pipe diameters, up to and including 1500mm RCP. **ACCEPT NO SUBSTITUTES, there is only one A-LOK.**

> DAYTON

As we all know products are continuing to become more complicated in shape, larger, heavier, and more specialized than ever before. Shaw Precast Solutions made the decision several years ago that a safe, secure, and load rated system for handling our products was required. Shaw Precast Solutions is the only supplier to offer this safety and security in 100% of the products we sell. The Dayton P-50 SL material handling system we incorporated provides confidence to managers, their employees, and safety officers at every project site.



3.6m x 3.6m pump station sections utilizing four Dayton PL 6-10 ton lift assembly. Section weight is 27,000 kgs.

> SHAW SAFETY BARRIERS

NCHRP-350 Test Level 3 Approved SHAW SAFETY BARRIERS

A safety barrier may seem like a pretty simple thing, that is unless your life depends on it. Shaw Precast Solutions is proud to manufacture and sell NCHRP-350 Test Level 3 Approved barriers in Atlantic Canada. What does this mean? It means that we supply a barrier, complete with a JJ Hook connection that has been ACTUAL CRASH TESTED, and approved to a stringent and specific standard. Shaw Precast Solutions also manufactures a wide range of other precast concrete barrier sizes and shapes that are not NCHRP-350 Test Level 3 Approved.



> OUR TEAM

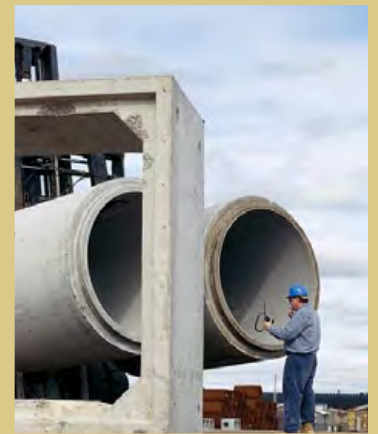
Concrete would simply be concrete without the expertise from our people. Shaw Precast Solutions has a dedicated team of professionals on staff responsible for your satisfaction. Professional services offered by Shaw Precast Solutions include drafting, design and engineering, project management, technical field support, and a transport fleet to get the material to your project site.

Shaw Precast Solutions takes quality seriously, and it shows in the products and services we supply to the marketplace.

We are the only precast manufacturing facility in Atlantic Canada to be BOTH CSA and ISO 9001 certified.



We are the market leader for all manufactured concrete products in Atlantic Canada. We look forward to working together in the future providing you with all of your **Precast Concrete Solutions**.



PO Box 2130 , Lantz, Nova Scotia, B2S 3G4
Toll Free 1-888-777-SHAW (7429)
Tel: (902) 883-2201 / Fax: (902) 883-1273
email: sales@shawprecastsolutions.com
web: shawprecastsolutions.com