

Canadian

# Design & Construction Report

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Report

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# Editor's viewpoint



The diversity and dynamic character of Canada's architecture, engineering and construction community are reflected in this issue of the Canadian Design and Construction Report. You can walk through some of the best Canadian projects, learn about safety initiatives, and discover how building accessibility and energy efficiency are reaching new levels of excellence and economic viability.

We've explored how collaboration facilitated the completion of Winnipeg's \$180 million RBC Convention Centre expansion, as well as the rollout of the new model for the 21<sup>st</sup> installment of WinDoor. See as well reports about the Labourers' Union and the Canadian Roofing Contractors Association (CRCA).

Indeed, this is a giant country with common ground, yet with much regional diversity and specialization.

As you read this, I will be in Halifax for the Construction Specifications Canada (CSC) national conference, which overlaps in part with the CRCA conference.

Please feel free to share your questions, ideas and story suggestions for the next issue. You can reach me by email at buckshon@cadcr.com.

## Table of Contents

Site Plan Approvals: Architects say streamlined development permit approval system would save millions of dollars in delays, development costs ..... 5

Salus House: International environmental first Passive House social housing project taking shape ..... 6

**FINANCIAL ADVICE**  
Investing for incorporated business owners ..... 8

Threads of Life: Finding hope after tragedy ..... 10

Projects in nine cities receive National Urban Design Awards reflecting "remarkable urban design initiatives" ..... 12

AccessAbility discussion reveals progress, challenges in accommodating built environment for individuals with disabilities ..... 14

The Dean Report and the Ontario College of Trades Scope of work enforcement transferred to Ministry of Labour .... 16

News Briefs across Canada ..... 18

Around the Country ..... 20

CDCR Hotel Directory ..... 26

## SPECIAL FEATURES

**WINDOOR 2016:**  
A new experience and venue in Montreal will add greater value and accessibility ..... 27

Winnipeg's RBC Convention Centre's \$180 million expansion construction succeeds with collaborative design/build initiative ..... 32

Canadian Roofing Contractors' Association (CRCA) members gather in Halifax for annual conference and general meeting ..... 35

LiUNA Local 183 expands as largest North American construction union local - Representing workers' interests from Oakville to Brockville and the Muskokas ..... 38

Toronto's 112-year old Omni King Edward Hotel receives \$40 million restoration ..... 40

Women in engineering:  
Meagan Harvey, ROV Consulting Inc., Kelowna ..... 44

Dodge upcoming project reports ..... **ONLINE ONLY** - 46

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## SITE PLAN APPROVALS:

# Architects say streamlined development permit approval system would save millions of dollars in delays, development costs

Canadian Design and Construction Report staff writer

The Ontario Association of Architects (OAA) has taken on the challenge of overcoming municipal Site Plan Approval (SPA) delays, suggesting that the current systems for approving residential and commercial projects are costing millions of dollars to the economy. The OAA suggests that options applied elsewhere – including development permit systems in Vancouver and Edmonton – could be the answer.

Yet OAA president Toon Dreessen indicates that so far the OAA's advocacy on the issue has fallen on deaf ears. No Ontario municipality outside of the tiny Lake of Bays community in the cottage country Muskokas has introduced a development permit system and so far there has been official silence to the OAA's comprehensive study conducted by Bousfields Inc. and the Altus Group released in October 2013.



Dreessen says the OAA is raising the issue again as the provincial government begins a review of the Ontario Municipal Board (OMB), the provincial regulatory agency for municipalities. "By all accounts, the review will pit community groups, developers and various levels of government against each other and be a hotly contested debate," the OAA said in a statement. "One way or another, the outcome of the review will have a major impact on the future of development in Ontario."

"Today, we have the opportunity to seize the opportunity to improve planning through some key initiatives to improve cities," Dreessen said. The challenge: "Planning departments work in bureaucratic ways; there is a very real sense of paper pushing bureaucracies," he said. "The mechanics of getting planning approval, the ability to take leadership and stand out and make a positive change, it is much harder when there is this intensive sense of inertia."

The problem: The multiple layers of review, revision, delay and conflicting demands in the site plan approval process, for projects that themselves should not be controversial or complex. These projects comply with existing zoning requirements, but are bogged down in the system and, Dreessen says, cost truly incredible amounts of money because of the processing delays.

As an example, the researchers, considering carrying

costs and lost economic opportunities, have estimated that the SPA delays cost per month:

- An additional \$396,000 to \$479,800 for the development of a 100-unit condominium;
- Individual condo purchasers approximately \$2,375 in higher monthly costs and lost equity; and
- An additional six to seven per cent to the overall cost of a 50,000 sq. ft. commercial property.

"Multiplied across all the developments in the province, those numbers quickly add up, and it's Ontario homebuyers that pick up the tab," the OAA says. "Each additional month of delay has major implications for affordable housing, housing affordability and municipal revenue. And the story only gets worse when you factor in businesses and industries."

Dreessen says the existing SPA challenges are "disheartening to smaller scale developments" and "leaves development to those with deep enough pockets" (to pay the carrying costs); ultimately transferring them to the end user.

"There are very few places where there is any consistency on this at all," he said. "That is one of our concerns." The model is so inconsistent, not only in

the process but in the costs associated with it."

The solution, Dreessen says, is a development permit system, where "approvals are delegated to staff, and there is no additional city council approval system."

Under this process, developers would submit their site plans with a check box list to ensure that everything complies with zoning and regulatory requirements and, if all is in order, they would automatically be issued a site plan permit as a precursor to a building permit. This approach, Dreessen says, would speed up the process for simple and smaller scale projects. There still would be oversight and review for larger projects and of course any initiative that stretches outside of the conventional zoning requirements.

The new approach would end the confusion as various stakeholders and bureaucrats introduce their own often conflicting perspectives. "In one case, there was a situation where a driveway was moved from one side of the building, then the other, and back again, for a simple project," Dreessen said. "With the constant back and forth you end up feeling like a ping pong being bounced around, with conflicting instructions and deadlines."

With all the changes and delays, "somebody has to pay for the design – everyone has to pay for that," he said.



# International environmental first Passive House social housing project taking shape



*Canadian Design and Construction Report staff writer*

The contractor and owner of the first multi-unit affordable housing project in the world to be built to Passive House standards in a northern climate are demonstrating an initiative that is successfully transcending conventional construction and social housing taboos.

Ottawa Salus Corporation executive director Lisa Ker says the 42-unit structure, in an established urban residential neighbourhood in Ottawa, designed to house individuals with severe mental illnesses in their own independent apartments, has construction costs of about \$7.5 million, about 10 per cent greater than a conventionally built affordable housing project.

However, the building has been designed to consume at least 80 per cent less energy than the building code standard – and its durability will hopefully extend beyond conventional affordable housing projects, Ker said.

The project is nearing final construction stages, as tradespeople install interior finishes, plumbing and services.

While the energy savings are incredible, the non-profit organization has budgeted for only a 50 per cent energy/operating savings – and expects a payback of the additional construction costs in three to four years “and then it’s money in the bank.”

Additional costs were incurred to import building materials – especially for the building envelope – but there are savings in the mechanical systems, maintenance and on-going energy consumption.

“Just to give you an example, there’s no pot-boiler in this building” said Taplen Construction president Michael Assal. “Instead, it has two hot water heaters – like residential hot water heaters, not a big monster thing you see in commercial buildings.”

Ker and Assal, the project’s general contractor, said they have received much co-operation and support from the City of Ottawa, including its building inspectors, who have asked to participate in the project’s planning meetings. Tradespeople have also invested additional time in learning how the Passive House systems work, although they have still bid their work competitively, Assal said.





Ker indicated the biggest problems occurred before the building took shape, as some neighbours objected to the affordable housing project in their neighbourhood. They appealed the matter to the Ontario Municipal Board, arguing the project did not have suitable parking.

Salus contends that the building tenants would not have their own cars, and as an organization, Salus observes its own environmental principals. Many employees of the 110-staff organization get around by public transportation and bicycle. (In fact, Ker took a city bus to attend the April tour.) She said the building design was modified slightly to allow for a lay-by so visitors, including staff, could park briefly when they are picking up tenants for appointments.

Ker says she believes that the economics of Passive House construction can only improve, as supplies become

available and the learning curve in installing the different services is reduced.

"This is a 35-year commitment we have with the City of Ottawa, and we're part of a much larger system of affordable housing that has got to be built more affordably in the long run, because as taxpayers, you're all paying for it," Ker said. "And the affordable housing we built in the 70s and 80s is costing us a lot of money to maintain, and the older affordable housing is just a nightmare."

"If we can extend the lifecycle of our whole portfolio and have an impact on the sector, then this building has paid for itself a long time ago."

The building was designed by CSV architects. Sonia Zouari, president of the Ottawa Construction Specifications Canada (CSC) chapter, served as project architect.

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# Investing for incorporated business owners



By Richard Yasinski  
 Special to *The Canadian Design and Construction Report*

Incorporated business owners have a number of ways to invest either personally or in their corporations. A business owners' investment strategy must be mindful of the tax structure and situation of the owners. When it comes to investing, business owners must understand more than most about how income is taxed.

My grandfather used to say: "It's not how much you make, it's how much you keep." But he was referring to the days he'd take the cash from his pay envelope to the pub and what he left with after a few pints and games of cards. This saying is more appropriate than he knew for any business owner planning an investment strategy.

The first step in developing an investment strategy is understanding the types of income that can be earned and how each is taxed. Admittedly this is a little complex but for anyone building a portfolio this is the basic information we must understand or we'll be doomed to earning less on our hard earned investment dollars. So here goes and stay with me:

There are four types of "income" we can earn and an incorporated business owner could earn all of them.

- First there is income that is 100 per cent taxable – typically from employment and interest earned from savings accounts or interest earning investments.
- Second there are dividends which are taxed at a lower rate than salary or interest and vary based on whether they are eligible (usually from public corporations); in-



eligible (private corporations); foreign dividends (from foreign sources); and return of capital (tax paid capital returned as income).

- Third there are capital gains, where 50 per cent of the gain on the investment is taxable as income.
- Lastly is “return of capital” which is simply the return of the tax paid money originally invested.

Incorporated business owners can choose to earn regular income (a salary) or dividends from their corporation or a combination. A salary is 100 per cent taxable and earns RSP room at the rate of 18 per cent of gross salary per year. This allows the business owner to contribute to their RSP – which of course grows tax free.

The disadvantage, depending on how you view this, is for a business owner earning more than \$54,900, maximum annual CPP contributions must be made of \$2,544 (2016) for the employee (the business owner) and another \$2,544 by the employer (the business owner). So for business owners earning a salary, they are effectively contributing twice what an employee contributes and will only ever collect one pension.

There are benefits to having CPP, an opportunity for a disability and survivor pensions, and these need to be considered. Generally, if a business owner is drawing a salary, they should maximize their RSP contributions annually to take advantage of this deduction. Ideally business owners should draw the maximum salary to generate maximum RSP contributions - \$140,944 of earnings attract the maximum RSP contribution allowed which is \$25,370.

Incorporated business owners could also consider an Individual Pension Plan or IPP. This is effectively a super RSP with allowable contributions based on an actuarial analysis of the contribution amount needed to fund a pension for the owner. Depending on the years the business has been incorporated, the age and health of the owner, significantly more could be contributed to this registered plan.

Another option is a Retirement Compensation Arrangement which allows tax deductible corporate dollars to be deposited into a plan on behalf of the business owner. No tax is paid until the benefits are received.

If an incorporated business owner earns a salary, they have the option of using RSPs, an IPP or an RCA. Investments held in these types of structures can be individual stocks and bonds and mutual funds. Each structure has its pros and cons depending on the business owner’s salary, years left in business, number of owners and age. All of these strategies will result in 100 per cent taxable income which may or may not qualify for income splitting until age 65. Individuals drawing more than \$72,809 currently will start to see their income clawed back at the rate of 15 per cent per \$1000 – effectively another tax on income which results in about 55 per cent tax on every \$1 greater than this amount.

Income paid to a business owner as dividends does not earn any RSP room. A business owner earning income in

this way typically sets up a holding company (HOLDCO), where a corporate investment account is opened. This HOLDCO could own shares of the operating company or be the beneficiary of a family trust, which owns shares of the operating company.

The primary advantage of the family trust structure is the ability to distribute dividends to all beneficiaries (family members or others) at the discretion of the trustees. A HOLDCO owning shares of an operating company can also distribute dividends to shareholders at the discretion of the owners but shareholders can potentially claim a portion of the company equity – an issue when shareholders divorce.

Incorporated business owners could invest their after tax corporate profits into individual stocks, bonds, mutual funds, real estate or many other types of investments. However, these investments, when earning interest, dividend or capital gains and left in the HOLDCO investment account, are taxed at the highest rate. Typically, the strategy is for this income to flow out to the business owner as part of their dividend income.

When compared to investing in an RSP, where 100 per cent of the contribution is tax deductible and the investments grow tax free, investing in a HOLDCO account may seem questionable. The real advantage of this strategy is at the time of withdrawal. A HOLDCO investment account can distribute dividends to the shareholders and be income split very effectively. For example, an individual earning only approximately \$33,000 of dividends pays no tax.

For both types of income, salary or dividends, any additional income earned and not needed for lifestyle expenses, could be withdrawn from the business at a low tax rate and should be invested in a TFSA. With savings rates so low, the advantage of using a non-taxable account for long term retirement assets is considerable. It’s significantly more beneficial to not pay tax on a six per cent return than on a one per cent return.

So, here are my recommendations for investing for business owners and their significant other:

- Understand the four types of income, how you might generate them and how they are taxed;
- Understand the impact of investing in a registered account (RSP, IPP, RCA) compared with a corporate HOLDCO and how each strategy helps defer or reduce tax for your situation;
- Only then create a comprehensive financial plan (this doesn’t mean long – one page!) of how you will earn income and invest and review annually. When life changes, so does the plan; and
- Work with a certified financial planner with the skills you need to help you set up and manage your investment plan. Training, experience and focus are worth every penny of their fees.

*Richard Yasinski is an independent financial planner practising since 1996. Watch his video, [www.financiallysound.ca](http://www.financiallysound.ca).*

# THREADS OF LIFE: Finding hope after tragedy



By Susan Haldane

It was late on a summer afternoon when Carolyn Sim got the phone call that would change her life. Carolyn's partner Dan Pelletier had fallen from a ladder and landed on his head. He was being taken for x-rays, but he was okay, Dan's co-worker told Carolyn.

"I don't know how I knew, but I just knew that it was bad, and that Danny was never coming home again," Carolyn says. She worked as a brain injury rehabilitation counsellor, so she knew just how serious head injuries can be.

When the next call came, Carolyn's fears were confirmed – Dan had severe brain injuries and had gone into a coma. The regional hospital where he'd been taken was doing emergency surgery to reduce swelling, and then planned to rush him to St. Michael's Hospital in Toronto where a neurosurgeon was standing by.

"I almost dropped the phone; I couldn't breathe, I felt like I was suffocating," Carolyn says. "Everything started to swirl around me."

Along with their two teenage sons and Dan's parents, Carolyn hurried to Toronto where Dan went through another surgery and was placed on life support. But Dan's condition did not improve. Knowing his feelings, Carolyn made the heart breaking decision to remove the life support. Two weeks after his fall, Dan died with his family at his side.

Dan was working in residential construction, but hazards related to ladders, and to working at heights in gen-

eral, are common across many sectors. In Canada, more than 42,000 workers are injured each year in falls (See [http://www.ccohs.ca/oshanswers/safety\\_haz/falls.html](http://www.ccohs.ca/oshanswers/safety_haz/falls.html)). More than a third of these injuries are falls from heights. The remainder are slips and falls, classified as "falls on the same level."

Dan's death was devastating for Carolyn and her family. The boys had been very close to their dad, sharing a love of motorcycles and motocross racing. They stopped racing, and struggled as they went through some of life's major milestones – graduations, relationships, jobs and parenthood – without their dad to talk it over with.

As for Carolyn herself, "I stayed strong for my children and family on the outside but I felt like I lost everything – my life, my best friend, my husband, the one person I could always count on."

Carolyn found support through Threads of Life – the Association for Workplace Tragedy Family Support. Threads of Life ([www.threadsoflife.ca](http://www.threadsoflife.ca)) was created by other families living with the results of workplace fatalities, serious injury and work related diseases. Threads of Life offers a program that pairs people with volunteers who have been through a similar experience – for example someone like Carolyn would be paired with another widow who could be a listening ear and shoulder to lean on. Threads of Life also offers information about the complex world of workplace investigations, inquests and compensation, and it provides family members with ways they can take action by helping to prevent future workplace tragedies.





In Dan's case, charges were laid under Ontario's Occupational Health and Safety Act, and there was an inquest into his death. Carolyn and her family were involved in all the proceedings. The inquest made two recommendations:

- That the general contractor on a residential construction site be responsible for a daily inspection of the entire job site prior to work commencing and should any hazards be determined, to be corrected immediately.
- That the general contractor on a residential construction site be responsible to submit to any subcontractors any obvious dangerous situations unique to that job site prior to work commencing.

Again, while the recommendations are specific to the construction industry in which Dan worked, the principles make for good practices on any job site: making regular inspections to identify hazards, and communicating those hazards to all workers.

As part of her involvement with Threads of Life, Carolyn carries that safety message out to the public every chance she gets. She trained to become a member of the Threads of Life speaker's bureau. This group of volunteers all have personal experience with a workplace tragedy, and they tell their stories at schools, workplace safety meetings, conferences and other events to ensure no other families have to live through a similar experience.

Carolyn has also become one of the volunteers, called Family Guides, who work one-on-one with others experiencing a workplace tragedy.

"I want to be able to be there for families who are dealing with the loss of a loved one," she says, "and let them know they are not alone."

*There are a variety of ways individuals and companies can get involved with Threads of Life to promote safety and support families affected by workplace tragedy. The organ-*


*ization hosts an annual fundraising walk, called Steps for Life ([www.stepsforlife.ca](http://www.stepsforlife.ca)), which takes place in more than 30 communities across Canada each spring. Individuals can participate as walkers, volunteers or fundraisers. Steps for Life is also a perfect way for companies to demonstrate their safety commitment and boost employee involvement. Large and small companies can get involved in the Steps for Life Corporate Challenge.*


*Many companies also make Threads of Life their "charity of choice" and support the organization through fundraisers like golf tournaments, barbecues and dress-down days, and through corporate donations. The Ontario Petroleum Contractors' Association has dedicated money raised through its annual golf tournament to Threads of Life, donating close to \$15,000 in 2014 and 2015.*

*Threads of Life currently supports more than 2,300 family members across Canada. In addition to the peer-to-peer Volunteer Family Guides program, it offers events called Family Forums where families can gather to share their experiences and learn positive coping skills. Family members are provided with information including a quarterly newsletter, and with opportunities to get involved in workplace health and safety by telling their stories and representing Threads of Life at safety events and conferences. To learn more about Threads of Life, visit [www.threadsoflife.ca](http://www.threadsoflife.ca).*

*Susan Haldane is Threads of Life's manager, communications and marketing.*






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# Projects in nine cities receive **National Urban Design Awards** reflecting “remarkable urban design initiatives”

Canadian Design and Construction Report staff writer

Nine cities across Canada “have been enriched by the addition of remarkable urban design initiatives,” says the jury of the 2016 National Urban Design Awards, co-ordinated by the Royal Architectural Institute of Canada (RAIC), the Canadian Institute of Planners (CIP), and the Canadian Society of Landscape Architects (CLSA).

“The quality of the submissions this year was impressive,” the three-member jury said in a statement. “These unique solutions displayed a refreshing inventiveness and a strong commitment to the overarching objective of urban design to respond to and enhance the immediate surroundings and wider community.”

The winning projects range from urban infill to renewed public spaces and playful installations.

The awards are part of a two-tier program held in cooperation with Canadian municipalities. The National Urban Design Awards program judged winners of the 2015 municipal awards and entries submitted at large.

The awards will be presented during the RAIC’s Festival of Architecture in Nanaimo from June 8 to 11.

Award winners include:

## Civic design projects



Nathan Phillips Square Revitalization (Toronto, ON)  
PLANT Architect Inc. | Perkins + Will Canada in Joint Venture, with Hoerr Schaudt Landscape Architecture and Adrian Blackwell Urban Projects  
“...a successful revitalization of a civic heart that draws people in with an enduring, timeless, restrained intervention.”

## Community initiatives



The Bench Project (Calgary, AB)

Developers: anonymous

Designers: anonymous

“This project offers a new and vibrant interpretation of this basic piece of public furniture and cuts directly to what community initiated urban design should be.”

## Student projects



Impose (Edmonton, AB)

Brad Comis, Sebastian Sauve-Hoover, Danielle Soneff of Threshold Art and Design working with Jesse Sherburne

“...evokes thoughts of human habitat and urban wildlife while making a connection to the built fabric.”

Regenerating Rossdale (Edmonton, AB)

Michael Zabinski, designer

“...a thought provoking reclamation of an artifact of a previously polluting industry. It is a powerful statement of urban renewal.”



## Urban architecture



Union Street EcoHeritage (Vancouver, BC)  
SHAPE Architecture Inc.

*"...achieves an elegant solution that is both simple and profoundly important in creating a precedent for infill densification."*

## Urban design plan



Technopôle Angus – Phase II (Montreal, QC)  
Provencher\_Roy

*"The design creates a public realm with high degree of pedestrian connectivity and permeability."*

## Urban fragments

Entre les Rangs (Montreal, QC)  
KANVA

*"...inviting, educational and playful."*

Impulse (Montreal, QC)  
Lateral Office/CS Design

*"... innovative and playful and brings people out into the city."*

The following are recognized with  
Special Jury Awards:

## Sustainable Development Award

St. Patrick's Island Park (Calgary, AB)  
Calgary Municipal Land Corporation

*"...a positive example of how design processes can educate community members about sustainability."*

## Small or Medium Community Urban Design Award

Kinsmen Park (Saskatoon, SK)

space2place design inc.

*"...a fun, exciting and unique design that leads the way in public engagement."*

Certificates of Merit are awarded in the following categories:

## Civic design projects

Lansdowne Park (Ottawa, ON) PFS Studio

*"...successfully achieves feelings of leisure, space and delight."*

## Urban architecture

Queen Richmond Centre West (Toronto, ON)

Sweeny&Co Architects Inc.

*"The old brick buildings successfully became assets for the new design rather than barriers to its execution."*

## Urban design plans

University of Ottawa Campus Master Plan (Ottawa, ON)

University of Ottawa/Urban Strategies Inc.

*"The campus master plan uses classic urban infill to create strong pedestrian connections that repair the campus and successfully overcome topographical challenges."*

## Urban fragments

Quartier des spectacles (Montreal QC)

Partenariat du Quartier des spectacles

*"While this body did not officially enter the urban design competition, its programming for this annual competition has been so critical in facilitating the award winning designs that they merit acknowledgement as important agents of successful urban design."*

Limoilou dans la rue (Québec QC)

## Groupe A/Annexe U

*"This project takes a number of under-utilized parking spaces and animates them with a simple and elegant design. The materials are modest and the execution is effective."*

## Community initiatives

Gore Pedestrianization Initiative;

Veterans' Place (Hamilton, ON)

The MBTW Group

*"This previously moribund series of spaces were effectively rediscovered and animated with high quality pedestrian spaces."*

Jurors included: **Carl A Knipfel**, architect, and planner, principal architect/ designer at Lankinhouse Design, Toronto, ON; **Franc D'Ambrosio**, architect, principal at D'AMBROSIO architecture + urbanism, Victoria, BC; and **Joanne Moran, CSLA**: landscape architect, board member of Canadian Society of Landscape Architects, senior project manager at the City of Ottawa.

# AccessAbility discussion reveals progress, challenges in accommodating built environment for individuals with disabilities

Canadian Design and Construction Report staff writer

Are Canadian buildings truly becoming more accessible to individuals with disabilities?

Several speakers at a panel discussion *AccessAbility: Social Integration by Design* at Carleton University in Ottawa say, indeed, progress is being made, but there are gaps, failures and inconsistencies in the results.

There are challenges in changing building codes and provincial accessibility legislation guidelines, but there is evidence that accessible design does not need to be expensive and in fact can create significant market advantages for commercial developers.

The event, co-ordinated by the Construction Specifications Canada Ottawa chapter chair Sonia Zouari, attracted more than 130 visitors in a meeting area stage designed to accommodate disabilities.

"Our gathering this evening is exactly the right thing to do and this is the right time," Zouari said. "Any time is the right time for taking steps in approaching disability differently; approaching it far more inclusively, with a more respectful recognition of the value and the fragility of life. We are all at risk. No one is immune."

Speaker Allen Mankewich, from the Canadian Centre on Disability Studies (CCDS) based in Winnipeg, described results from the CCDS VisitAbility Project – an entry level approach to developing accessible housing at reasonable cost.



The project developed designs for a Winnipeg subdivision with a "no-step entrance," with provisions for a ground floor accessible washroom and barrier free design inside. The project developed 1,200 single family "visitable homes" – and the neighbourhood became the fastest selling Winnipeg community. "Visitable housing is marketable," he said. "Most stakeholders were very positive. Building professionals' perceptions changed from being skeptical to positive."

Accessibility consultant Amy Pothier says the Ontario Building Code has higher standards than Canada's National Building Code – the standards here aren't as low as they are nationally, and there have been improvements in recent amendments, but they "don't go far enough."

She said many seemingly little details have significance, such as door widths and "latch side clearances" (the clear floor space adjacent to doors).

A proposed "built environment" accessibility standard to ensure compliance with AODA submitted to the provincial government in 2010 "didn't make it past the proposed document" – because there wasn't research to back up the accessibility requirements assertions, she said. But some good came out of this failure: Significant research was commissioned, including the building opening dimensions required "for wheeled mobility devices in North America – it is fantastic to provide insights into the clear floor space requirements and turning circles."

Recent building code changes are improving the story, including the requirement for elevators in buildings three-storeys or higher, depending on the use or area in the building. As well, door widths have increased from 860 to 915 cm – the seemingly tiny difference has had significant impact. "We're changing the way we specify and look at and design doors."

The last "big ticket item, the universal washroom, has undergone tremendous and intense changes" with enough room to allow for proper "turning circles" for mobility devices.

Roger Gervais, who specializes in both visitable housing and aging in place, explained one of the most important aspects of aging in place – the growing need for barrier free design in dwellings. "Homes are safer, more inclusive and more sustainable when architectural barriers are removed, and it's far more economical when done in the design of a new home," his presentation synopsis said.

He said there is a need to go beyond the myths that accessible design "is ugly and is going to bring down my home's value if I need to sell it."

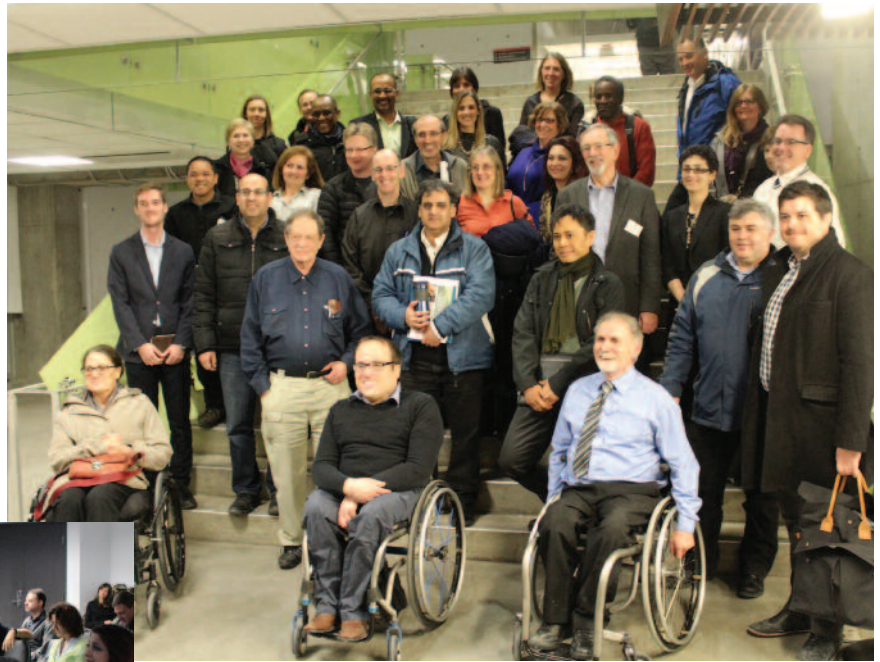
Falls are a big problem. "In 2012, fire officials reported



314 deaths, and there were 10,000 emergency room visits resulting in \$476 million spent on health care because of residential stair falls.

Steven Titus, president and CEO of Acoustics Engineers in Toronto, discussed how hearing impairment creates design and building challenges. There are issues with background sound levels, and sound isolation. He gave a demonstration of the challenges of managing the "signal to noise ratio."

Finally, Dean Mellway, acting director of Carleton University's READ initiative (Research, Education, Accessibility and Design) outlined some numbers that show why accessible building design is so important.



Currently one in seven people have disabilities; there are 3.8 million working age Canadians (13.7 per cent of the population) with mobility challenges; and 1.3 billion people worldwide – or 2.4 billion directly related or involved with people with disabilities. And, as Amy Pothier reported, the numbers will increase substantially in the next decade as the population ages.

## A soft landing...

We know what families go through when workplace tragedy strikes because **we are those families**. Threads of Life, a Canadian charity, was created in 2003 by families suffering from a workplace fatality, life-altering injury or occupational disease. We provide peer support, regional Family Forums where families meet to connect, learn healthy coping skills and other life-lines.



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# Scope of work enforcement transferred to Ministry of Labour



*Canadian Design and Construction Report staff writer*

In a surprise move, the Ontario government has transferred key enforcement functions for the Ontario College of Trades (OCOT) to the Ministry of Labour (MOL) from the Ministry of Training, Colleges and Universities (MTCU).

MTCU deputy minister Sheldon Levy and MOL acting deputy minister Sophie Dennis signed a memo in early May explaining the changes.

"As the province moves forward with Mr. Dean's recommendations, MOL has formally assumed responsibility for the College's regulatory and administrative oversight," the memo says. "This will allow MOL to directly apply its expertise to complex labour matters, including the role the Ontario Labour Relations Board will play with regards to enforcement activities."

"Responsibility for apprenticeship remains with MTCU as part of its mandate to support the development of a diverse and skilled workforce that meets the needs of Ontario's economy."

The change has taken effect immediately. It was not suggested directly in the comprehensive OCOT review by Tony Dean, who filed his report late last year. However, it appears to be a response to the jurisdictional and site related challenges which occurred when enforcement officers started ticketing labourers for doing the work of certified trades, even though the Labourers' Union contended these had been standard work practices on jobsites for decades.

The Dean Review suggested that there could be core competencies and extended responsibilities for certified trades. These trades, represented by the Progressive Certified Trades Coalition (PCTC), have expressed concerns about the Dean Report, its direction, and the government's immediate response to it.

Labour Minister Kevin Flynn, in a published report, said that the issues relating to enforcement of scopes of practice were not a good fit within the MTCU.

"I don't think we got it wrong as much as we followed the best advice at the time," Flynn was quoted as saying in the published interview. "I really believe that people have just come to the realization that, as a result of taking a look at it through the Dean recommendations, there is a better way of doing it. Tony (Dean) didn't address the issue, but as we were addressing his issues, it became evident that there was a better reporting structure to put in place here."

"And it is simply that, I don't want people to overstate the importance of this move. We still have full confidence in the College, we still have excellent people to take a leadership role in that regard, and we want them to stay."

"There was satisfaction from some," Flynn was quoted



as saying. "Some others felt the College came in in a pretty strong handed way, that boiled down to a dispute over what happens if there is an appeal."

"Somebody shows up on site, says, you are doing something you shouldn't be doing, here's a ticket. And someone says, I don't agree with you, I think I am doing exactly what I should be doing. I want to appeal that," he said in the interview with a construction industry publication.

"There was a sense that the appeal didn't take into account the realities of what happens within organized labour, the realities of the Labour Relations Board, the ongoing discussion that takes place around scopes of practice."

"So the apprentice portion is staying behind with the Ministry of College, Training and Universities, as a reporting structure, but a lot of it came down to scopes of practice, things like enforcement, we enforce those types of things, it's much more in the bailiwick of the Ministry of Labour," Flynn was quoted as saying.

"And it was felt that a reporting structure that took that into account, where there was some resident expertise already, may be the best way to go."

The decision to make the MOL responsible for enforcement probably will be seen as a blow to an alliance of certified trades that had hoped to revise certain Dean Report provisions.

The PCTC – representing electricians, plumbers and pipefitters among other certified trades – has been stepping up its lobbying campaign to alter some of Dean's key recommendations, and reportedly had achieved some success, to the point that there was debate within the provincial cabinet about their proposals.

In a pre-election promise two years ago, spurred in part by complaints by the Labourers' Union and several non-union employers about the OCOT's compulsory certification process and its enforcement of jobsite jurisdictional issues formerly overseen by the ORLB, premier Kathleen Wynne announced that the OCOT's compulsory certification and jurisdictional enforcement process would be put on hold and Dean would complete a comprehensive review of the new organization.

After Dean's multi-month review and the government's initial announcement late last year, most stakeholders expressed support for Dean's recommendations, but the certified trades – including electricians and pipe trades – cried foul.

Their concern: Dean proposed that jurisdictional issues be heard by the ORLB, which had, according to the Labourers' Union, over the years developed guidelines and respected traditional relationships in determining who should do what work, and when.

Dean's recommendations to restore the ORLB as the enforcement mechanism rankled the certified trades.

Certification regulation "has nothing to do with labour relations" but relates to jobsite and consumer safety and whether the work is truly being done by properly qualified tradespeople, said John Grimshaw, executive secretary treasurer of the International Brotherhood of Electrical Workers (IBEW) Construction Council of Ontario, one of PCTC's spokespersons.

Grimshaw said, before the OCOT started enforcing the certification rules, the MTCU didn't really have the resources to ensure that the certified trades were done by properly qualified workers. "We wanted to finally see some real and expected enforcement."

He said there are many aspects of a certified trade's work that require extensive knowledge and training, and that seemingly simple superficial tasks can have severe long range safety implications.

Grimshaw said the enforcement/adjudication process was one of three issues among Dean's 31 recommendations that caused concern for the certified trades.

He said the second Dean recommendation the PCTC opposed was that independent, non-trades adjudicators should have responsibility for determining the certified trades' scopes of practice.

Changing the rules so decisions are made "by people not affiliated with the trades, who don't know anything about my trade, about how it works or why," could result in dangerous circumstances, Grimshaw said.

"If I was to put pipe down and screw it to a ground cable, and that cable is made of copper, and the bolt is galvanized, if you don't put compound on it to stop the ionization of the two metals, there could be a short to the ground," he said. "This is one of thousands of things that others don't know about the trade, which we need to understand."

Finally, Grimshaw said Dean called for "a limited scope of practice for some trades to be compulsory," separating a "core skill set" from the trade's entire scope of practice. This would result in circumstances where unqualified people "who don't have all the training" and don't appreciate the interconnection of systems, completing work that could be dangerous both to fellow workers and the public at large, he said.

Grimshaw indicated that the PCTC has not focused on the OCOT's contentious policies and processes regarding establishing the rules for compulsory certification, which caused much concern among employers and the labourers, as the Carpenters' Union pushed forward with its lobby for general carpentry's certification.

The certified trades put their perspectives forward in public consultations with Dean and he "didn't find these arguments persuasive," said Jason Ottey, representing Labourers' International Union of North America (LIUNA) Local 183.

"The recommendations tried to resolve some of the substantial issues of the College while preserving a balance from a policy point of view and a stakeholder point," Ottey said.

"If the government is making amendments to the Dean recommendations in response to the certified trades concerns, that is a real concern to Local 183," he said. "It makes us question what is the point of Dean."

"It is the ministry's intention to move forward with legislation upon completion of the policy work and implementation planning," a MTCU spokesperson wrote. "We hope to move forward as quickly as possible."

## Federal infrastructure money to flow soon: Infrastructure minister

Canada's infrastructure minister Amarjeet Sohi said in early May he expects Ottawa and most of the provinces to sign agreements within weeks to allow new infrastructure money to flow to cities, Canadian Press reports.

The funding agreements are a key milestone in the government's new infrastructure program because the billions promised to municipalities can't reach them without provinces signing on the dotted line.

Sohi laid out the framework of the agreements in letters to his provincial counterparts in late April. He also said template agreements were sent to provinces and cities.

Sohi told two Senate committees that the pace of negotiations leads him to believe the majority of provinces will sign agreements by June, just in time for money to arrive by the summer construction season, according to the published report.

"If there's one thing that I lose sleep over it's that. We don't want to miss the construction season," Sohi told senators on the transport and communications committee.

The Liberals have proposed to double infrastructure spending over the next decade by \$120 billion. There is \$6.6 billion in spending for provinces and cities in the first two years, not in-

cluding funds for universities or First Nations infrastructure.

"The first phase is focused on repairing the aging water and public transit infrastructure in the country and for smaller projects that can be completed by 2019," the report said. "There is also money available for planning larger projects that are to be the focus of the second phase of the program."

Sohi said the government wants to fund "shovel-worthy" projects which would stimulate the economy, more easily move goods and people, and reduce or mitigate climate change effects. Projects won't be funded unless they meet these goals.

Any projects that don't meet those goals won't receive funding under the government's new program, Sohi said.

## UK forecast: Canadian construction industry to improve over next five years

Despite contracting by 1.7 per cent in 2015, the Canadian construction industry is forecast to improve over the next five years – to reach US\$321 billion by 2020 – according to a report by Timetric's Construction Intelligence Center (CIC), based in London, England.

The industry recorded a weak performance, with its output value dropping from US\$294.1 billion in 2014 to US\$289 billion in 2015. Factors such as fragile economic conditions, low com-

modity prices, poor fixed capital investments and a high rate of unemployment contributed to its weak performance, Trimetric said in a news release.

However, the industry's future is getting brighter as its value is forecast to pick up from 2016 with investment in public and renewable energy infrastructure, commercial projects, and improvements in consumer and investor confidence. Several government programs, such as the Affordable Housing Initiative (AHI), New Building Canada Plan (NBCP) and Made in Canada, will also continue to support the industry's growth over the forecast period (2016–2020).

The industry's output value is expected to rise at a compound annual growth rate (CAGR) of 2.13 per cent in real terms over the forecast period; down from 2.29 per cent during the review period (2011–2015). Timetric expects the industry to increase from US\$289 billion in 2015 to US\$321.1 billion in 2020, measured at constant 2010 U.S. dollar exchange rates.

"Growing population and urbanization, and improvements in domestic manufacturing activities will likely be the main drivers behind the industry growth up until 2020," said Danny Richards, lead economist at Timetric's CIC. "In addition, the government's efforts to enhance the residential and public infrastructure will also contribute to the growth. For example, to provide affordable housing to the lower and middle class population, the Canadian government is planning to spend US\$6 billion in social infrastructure by 2020, which includes expenditure on renovation and new housing buildings construction."

Residential construction is expected to take on more importance in the industry over the next five years, to account for 38.4 per cent of the industry's total value in 2020. The market will be supported by a rising population, urbanization, and improving economic conditions.

According to the United Nations' Department of Economic and Social



Federal infrastructure money to flow soon: Infrastructure minister



Affairs (UNDESA), the country's population is expected to reach 37.6 million in 2020 and 40.4 million in 2030. Government efforts to provide affordable houses to the lower and middle class population through AHJ will also encourage growth in the market.

### Canadian Wood Council supports forest products climate change challenge

The Canadian Wood Council (CWC) says in a news release that it supports the Forest Products Association of Canada's (FPAC) May 2nd launch of the '30 by 30' climate change challenge – a commitment to help Canada remove 30 megatonnes (MT) of CO2 by the year 2030.

"The '30 by 30' challenge is a great example of the wood products industry taking a leadership role in the area of reduced environmental impacts," says CWC president Michael Giroux. "Renewable wood products from sustainably managed forests in Canada are allowing construction sector stakeholders to balance functionality and cost objectives with reduced environmental impacts on the built environment."

FPAC is currently working on a detailed roadmap to illustrate how it intends to meet the climate change challenge – anticipating that key successes will be reached through active forest management practices that maximize carbon storage in forests

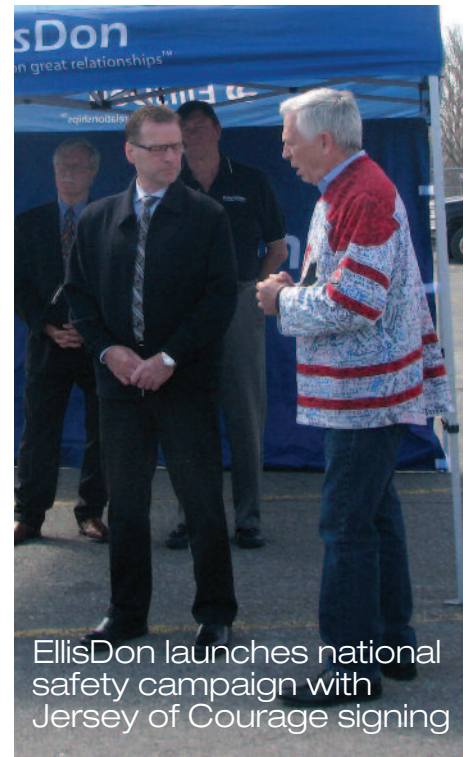
and spur growth of trees, increasing the use of innovative forest products and clean technologies to displace fossil fuel emissions, and by increased efficiencies at mill sites.

### EllisDon launches national safety campaign with Jersey of Courage signing

EllisDon launched a national safety initiative in Ottawa on May 3 with the handover of a hockey Jersey of Courage signed by Prime Minister Justin Trudeau as part of safety crusader Rob Ellis' My Safe Work initiative.

Numerous events are planned at EllisDon sites coast to coast through early June, as the contractor seeks to improve its already excellent safety record by bringing "safety to the next level through a leadership program," said Dan Fleming, the company's director of occupational health and safety training.

EllisDon is implementing at least five initiatives including management leadership commitment, a behavior based awards program with an emphasis on greater employee participation, recognition of positive behaviours, and the encouragement of employees to report near misses. As well, the company will initiate a "sub-contractor development" program to extend the company's own safety experience to others working on its job sites. New software tracking systems



EllisDon launches national safety campaign with Jersey of Courage signing

will allow the company to track leading indicators, as well as have the ability to resolve issues proactively and allow them the opportunity to measure progress within the safety initiatives.

As well, Fleming says the Jersey of Courage and safety pledge/signatures will encourage everyone to think carefully about safety and take measures to improve results.

Fleming says he anticipates more than 2,500 employees, managers, sub-contractors and dignitaries will participate at safety events in London, Toronto, Halifax, St. John's, Edmonton, Saskatoon, Winnipeg, Calgary, and Vancouver. The program will conclude in Victoria, B.C., where Fleming hopes EllisDon will be able to return the jersey with all of the signatures to Trudeau.

He said the initiative relates to the Ontario General Contractors Association's (OGCA) League of Champions. OGCA president Clive Thurston was on hand at the Ottawa event. The association is collaborating on the League of Champions initiative with Rob Ellis, who became a safety advocate after his 18-year-old son was killed in a jobsite accident.



Canadian Wood Council supports forest products climate change challenge

## BRITISH COLUMBIA

### VRCA report indicates ongoing and increasingly severe provincial labour shortage

The Vancouver Regional Construction Association (VCRA) and Hays Canada have recently partnered in a report that indicates an ongoing and increasingly severe labour crunch.

The VCRA Salary Guide provides a cross section of construction industry salaries, with an analysis of key economic issues affecting the industry this year.

"The B.C. construction industry is in really good shape, with lots of work ongoing and due to start, and we know more than 65 per cent of construction employers expect business to get better in 2016," Hays vice president for western Canada Jim Fearon said in a published report. He also said the new federal budget's increased infrastructure spending and the proposed major Liquid Natural Gas (LNG) pipeline, "progressing slowly but surely, no one's expecting a decrease in investment."

The greatest skills shortages this year are in the roadbuilding and other specialty trade contracting fields, while shortages are expected to increase this year in general construction, electrical and mechanical contracting.

The report indicates the most sought after employees are superintendents, project managers and co-ordinators, with a third of employers currently looking for workers with high expertise in these areas. As well, two thirds of Vancouver construction employers reported they are facing "moderate to extreme" hiring difficulties.

These numbers are a slight improvement from the 69 per cent reported in 2015, but indicate that hiring is still a concern.

"The industry unreservedly agrees there's a skill shortage and there has been one for quite some time," Fearon was quoted as saying.

### Labour and contractors meet with provincial government to share success of progressive labour and construction

The Progressive Contractors Association of Canada (PCA) and the Christian Labour Association of Canada (CLAC) met in early May with various British Columbia Ministers, MLAs and senior staff, sharing the benefits of progressive labour and what the organizations describe as "Open Managed sites," they announced in a news release.

"We appreciate the chance to share the benefits of our progressive labour model, in particular Open Managed sites, with the B.C. government today," said PCA president Paul de Jong. "No longer is construction in B.C. done in a polarizing 'union' or 'non-union' manner. There is a third way that now represents roughly half of all industrial construction in Western Canada."

PCA construction companies across Canada have at least part of their labour force represented by CLAC, which overall represents nearly 45,000 workers in western Canada.

"We're proud to stand up for our members in a collaborative and co-operative spirit and work for their best interests, as well as the best interests of the companies they work for," said CLAC regional director Wayne Prins. "Our progressive labour model has a robust training to employment approach, maximizes the number of British Columbians who can work in B.C. and brings value to taxpayers by making projects competitive."

PCA and CLAC say the Open Managed Site model also works directly with First Nations and develops apprentices. Having built some of B.C.'s most prominent public works projects, like the Port Mann Bridge, the Sea-to-Sky highway and the South Fraser Perimeter Road, PCA and CLAC want to bring their expertise in heavy industrial projects in other parts of Canada to help build B.C. future industrial projects – such as LNG, pipelines and Site

C, they say in the news release.

"We believe our model is a no brainer," said Prins. "And the more we get to tell our story, the more owners – including governments – agree and want to make it possible for our companies and workers to build a better B.C. for the future."

### LNG Canada begins engineering and planning work for its workforce accommodation centre



LNG Canada is beginning engineering and planning work on Cedar Valley Lodge, its Workforce Accommodation Centre to house a 4,500-person workforce required during construction of its proposed liquefaction and export facility in Kitimat, B.C.

LNG Canada selected the Bird-Civeo Joint Venture as the contractor for the design and construction of the centre, the company says in a news release. This joint venture includes wholly owned subsidiaries of each of Bird Construction Inc., and Civeo Corporation.

The lodge's construction will commence only if LNG Canada's joint venture participants make a positive final investment decision. In the interim, Bird-Civeo will advance engineering and planning work for the centre.

If constructed, the size and scale of the Lodge will be significant, with a total floor space of more than 1.2 million sq. ft. This includes a number of core buildings at more than 260,000 sq. ft. with a kitchen and dining area of almost 80,000 sq. ft., entertainment areas of almost 35,000 sq. ft., and a sports and recreational facility of more than 56,000 sq. ft. Final actual numbers may vary as the conceptual design progresses through detailed engineering.



## ALBERTA

### NDP government puts hold on new public private partnerships pending executive council decision

Infrastructure Minister Brian Mason says the NDP government won't launch any new public-private partnerships pending a decision by executive council on their continued use.

Mason, who also serves as transportation minister, said he wasn't declaring a moratorium on the P3s, but he planned to stick to the traditional methods of funding as he launches a five-year, \$34 billion capital construction program.

"I think there are real questions about the overall benefit that is received by P3s," Mason said in an interview with the Calgary Sun. "Certainly, the design-build and operate model is not something I want to proceed with at the present time."

"I have decided, as minister of infrastructure and transportation, that we're not going to be proceeding with P3s, in the meantime, until a final decision has been made."

He was quoted as saying it was unlikely he would release the report publicly because it draws heavily upon confidential Treasury Board and cabinet discussions. He also confirmed that the government will continue with existing P3 projects approved by the previous Conservative government approved projects.

"I certainly don't want to cast aspersions on the good work that's being done by P3 contractors right now for us on any of the projects, but I think it's fair to say we're likely to go in another direction going forward," he said.

The NDP curtailed funding to the strategic partnerships office, which assesses and manages P3 projects, by nearly half this year in the April 14 budget and allocated no funding for the office in its ministry plans for 2017 and 2018, the Sun reported. The office's integration within the ministry's corporate strategies and services division will result in savings next year of \$325,000.

However, the leader of the Canadian Council for Public-Private Partnerships (CCPPP) has expressed concern about the Alberta government's decision.

"We are encouraged to hear Alberta Premier Notley has not given up entirely on public-private partnerships (P3s), CCPPP president and CEO Mark Romoff said in a statement. "In fact, we would agree with her when she says governments 'have an obligation to review all types of alternative financing arrangements' to address infrastructure needs. We are concerned, however, that the premier may not have been well briefed on the full benefits of the P3 approach."

"We are disappointed to hear that Minister Mason has declared a moratorium on future P3 projects in Alberta. Unfortunately, we are not in a position to comment on the specifics of the decision because he has chosen not to release details of the P3 review he requested. It is equally difficult for us to say whether the findings are thorough or valuable since it's not clear that the P3 industry was consulted in the course of the internal review," explained Romoff.

A 2014 value for money assessment that looked into using the P3 model to design, build, finance and maintain 19 schools determined it would cost more over 32 years than the traditional design bid build approach.

It suggested it would cost \$570.7 million under the P3 model compared with \$566.6 million under the traditional model.

### Edmonton: \$1.8 billion Edmonton LRT extension construction commences

Construction has started on the newest 13 km. Valley Line extension of Edmonton's LRT.

The \$1.8 billion project, from downtown to Mill Woods, should be completed by 2020.

A small group of protesters carried signs and chanted during the LRT's groundbreaking to assert their view



that river valleys and mass transit don't mix. Mayor Don Iveson says everything needed to be done to mitigate that the river crossing has been taken care of.

"Any time you cross the river there's going to be environmental impacts, and the city did incredible work to study those and to mitigate those as best as possible, and that's one of the reasons why actually the new bridge is going where the old bridge was," said Edmonton mayor Don Iveson. "So that we don't have an additional bridge crossing the river which has huge disruption potential to the ecosystem to put in."

The project is being built by TransEd Partners, including Fergate Capital Management, Bechtel, EllisDon, and Bombardier. Other key team members include Transdev, ARUP, and IBI Group.

### Fort McMurray reconstruction: The challenges ahead

There are massive and challenging decisions to be made about Fort McMurray's reconstruction after wildfires destroyed much of the city and resulted in the evacuation of its population of 85,000 in early May. Published reports indicate that insurance estimate damages will take the cost of rebuilding to \$9 billion or more.

Sandeep Agrawal, director of the urban and regional planning program at the University of Alberta, told the Globe and Mail that officials will have to take a careful look at how it was possible for the fire to cause such extensive damage to a major city, and examine ways of ensuring it won't happen again. He describes it as "risk based planning," and it could involve imposing restrictions on development

near forested areas, such as the use of covenants with property owners to mitigate the threat of fires.

"They need to think about urban planning and the ways they can minimize the impact of extreme events such as this," Agrawal said. "One of the main objectives should be to reduce threats associated with the unintended risks of development."

## SASKATCHEWAN

### Saskatoon construction trades report slump as Regina building permits decline



Saskatchewan's construction industry is facing tough times, after several years of booming conditions.

CBC reports that construction around the province is slowing down and local Saskatoon trade contractors are starting to feel the consequences.

"It's getting scary," said tiling business owner Sandy Sairally. "There's a lot of people out of work [and] there's a lot of people looking for work. This time of year, we shouldn't be having trouble finding work."

Sairally told CBC's *Saskatoon Morning* that she started to see a change in pace in January 2015. Since then, her company's workload has been slowing down more and more as time progresses.

"It's been just OK but we're expecting it to get worse," Sairally said. "Our phones should be ringing off the wall [right now]."

Instead she told CBC she is spending time watching Kijiji for possible jobs. "It's very, very tough for us right now," she said. "We've had to take

jobs for less money just because we needed the job."

Saskatoon building permit data indicates a decline in non-residential builds by 61 per cent. There also are serious declines in residential construction. There were 2,025 home builds in 2012 but this dropped to 1,658 in 2013, 1,577 in 2014 and an even sharper decline to 1,000 in 2015.

Meanwhile, in Regina, building permit values totaled \$34 million in April, a 31 per cent decrease from \$49.4 million in April 2015, according to the City of Regina's monthly building permit report.

The April permits bring the year to date total to \$146 million, also a decline of 31 per cent from \$210.7 million in the same period last year, the Regina Leader-Post has reported.

Non-residential building was down by more than half in April at \$16.8 million, compared with \$38 million in April 2015, and for the year to date at \$77.4 million versus \$145 million for the first four months of last year.

However, Regina housing construction bucked the trend, increasing 53 per cent to \$147 million from \$9.6 million during the same period last year. For the year to date, residential permits were slightly higher than the first four months of 2015, at \$61 million over \$58.2 million during same period last year.

## MANITOBA

A developer is moving forward with plans for what is described as the tallest free standing structure between Toronto and Calgary.

The forty-storey SkyCity Centre, a planned \$200 million project from Toronto based Fortress Real developments, is expected to rise 575 ft. at 245 Graham Ave., with 3888 condos and a six-storey pad including a 25,000 sq. ft. ground floor grocery store. There are also plans for some 30,000 sq. ft. of amenity space and another 60,000 sq. ft. of office space.

Senior vice president Ben Myers said plans announced Thursday by Artis REIT to construct a 40-storey



rental apartment tower at 300 Main St. should help their push to get shovels in the ground next year.

"I think it makes it easier. It shows that there's interest and demand in living downtown," Myers said in a telephone interview with the Winnipeg Sun. "I'm sure they anticipate the demand to fill it. We certainly think there's enough people that want to live downtown and take advantage of new units that weren't available to them before. Sometimes the supply has to come first."

SkyCity has sold about 150 of its 380 units and hopes to get to 200 by the end of the year to secure construction funding. The goal is for occupancy in 2019.

Other downtown condo projects are in the works including the \$400 million True North Square, which has plans for another 275 residential units between two of its four towers with occupancy in 2019-20, along with office, hotel and commercial occupants.

"We see a major return to downtowns," Myers said. Winnipeg is in the "second inning of revitalization" with more nightlife, restaurants and other areas of interest to attract young people.

"I can't wait. Five years from now, this place is going to be unbelievable," Doug McKay of Longboat Development Corp., which is partnering with Artis REIT on the Glasshouse project,



was quoted as saying. “You have got stuff to do, so the reason (to live downtown) isn’t because you’re a slave to work. There’s actually entertainment options to fill it out,” he said.

Other significant downtown Winnipeg projects include:

- RBC Winnipeg Convention Centre, with a new Sutton Place Hotel next door.
- Centrepoint, with the Glasshouse Skylofts, in a \$130 million development across from the MTS Centre. Stantec Architecture is the office building’s major tenant.
- MBL (Manitoba Liquor and Lotteries) headquarters, in a renovated Medical Arts Building on Kennedy St, with a \$66 million, 75,000 sq. ft. expansion to the existing 15-storey building.

## ONTARIO

### OCS cautiously optimistic about 2016 industry growth

Ontario’s construction industry is cautiously optimistic about growth in 2016. Thirty-one per cent of contractors across Ontario’s construction industry are expecting to grow their business this year and 52 per cent say they will maintain current work levels. The findings are contained in the annual Construction Confidence Indicator, released today by Ipsos Reid and the Ontario Construction Secretariat (OCS). The indicator, with a score of 57 in this year’s survey, reveals contractors’ perceptions of business conditions for the next 12 months.

“The construction industry is still expecting to grow, but remains cautious,” OCS CEO Sean Strickland says in a news release. “While the Construction Confidence Indicator still shows an overall expectation for growth, it has been on a downward trend since rebounding from the 2009 recession, which clearly speaks to the current state of the economy.”

Detailed geographic data collected for the first time by the OCS suggest certain regional economies and cities will significantly outpace others. Firms in London, ON expressed the greatest

increase in confidence during 2015, surpassing last year’s most confident contractors in the GTA. Firms in northern Ontario, where just over half of firms expect to see business decline as they look ahead to 2016, expressed the least optimistic economic outlook in the province.

Findings from the province wide survey also indicate only a small minority of construction firms – six per cent – expect to “benefit greatly” from the federal government’s \$125 billion infrastructure spending plan.

“Ontario’s construction economy is a regional patchwork of diverse and changing business opportunities,” Strickland says. “It’s critical that firms have timely information that helps them grow their business and anticipate skilled labour needs. This includes a more clear and substantive conversation with federal and provincial governments about how firms can make the most of infrastructure dollars in the future.”

Reflecting the diversity of the construction industry in Ontario, contractors expect different sectors to lead growth in different regions. The residential sector is expected to lead growth in the GTA and Niagara Region, while the institutional and engineering sectors are expected to lead growth in Ottawa and Niagara. Increasing confidence in manufacturing is adding momentum for construction in the industrial sector, particularly in Windsor and Sarnia.

## Toronto

Infrastructure Ontario (IO) and the Ministry of the Attorney General have issued a request for qualifications (RFQ) for a consortium to design, build, finance and maintain a new Toronto courthouse.

Located steps from St. Patrick subway station, directly north of the courthouse at 361 University Ave., the new courthouse will bring together many of Toronto’s Ontario Court of Justice criminal courts operating across the city. Amalgamation of justice programs and services will reduce opera-



tional and facilities costs, make court administration more efficient, and better serve the community.

IO says in a news release that “the new courthouse’s design will be modern and accessible.”

The RFQ is the first step in the process to select a team to deliver the project. Submissions will be reviewed to shortlist project teams with the design and construction experience, as well as the financial capacity to deliver a project of this size and complexity. Shortlisted teams will then be invited to respond to a request for proposals (RFP), expected to be released in the fall.

### Ottawa: NCC selects preferred proponent, but second place finisher expresses concerns

The federal National Capital Commission (NCC) has selected RendezVous Lebreton as the preferred proponent for a planned multi-million dollar development of Lebreton Flats, a parcel of federally government owned land near central Ottawa.

While four shortlisted consortiums were invited to prepare detailed proposals, in the end only two completed the process, and the finalist plan – lead by developers, construction businesses and the Ottawa Senators hockey team, received the highest marks in an evaluation process. The Senators plan to build a new arena on the site and move their hockey team from the suburban Kanata community.

NCC planning director Steve Willis said the evaluation committee thought the decision to cover the LRT was “bold” and vital to the redevelopment strategy. NCC chief executive officer Mark Kristmanson said after the meet-

ing that the LRT provided the greatest site challenge. "In the end, the RendezVous Lebreton group handled that challenge very well."

Both proposals suggested that the new Ottawa Public Library (possibly combined with the National Archives/Library) would be a worthy part of the development, but the NCC evaluators ignored the RLG proposal in part because the team proposed the library to be built on land outside of the designated development area.

However, second place finisher DCDLS Group's legal representative, Nelligan Powers lawyer Debbie Bellinger, sent a letter to the NCC – posted on the deadline for public comment about the decision – expressing concerns about the fairness of the process, and questioning the feasibility of covering the LRT tracks.

The NCC says DCDLS Group's proposal will be considered if negotiations with RendezVous Lebreton fail to result in a suitable agreement.

## QUEBEC

### Construction corruption probe results in seven arrests of high ranking provincial Liberal party members

Quebec's anticorruption squad has arrested seven high ranking members of the provincial Liberal party, including two former cabinet ministers.

Individuals arrested in April included Nathalie Normandeau, the former Liberal deputy premier of Quebec and former minister Marc-Yvan Cote. Côté was also a vice president at the Roche engineering firm, and at least two other former Roche employees were also arrested.

UPAC, the Unité permanente anti-corruption had been investigating political financing of both the Liberal Party and the Parti Québécois, according to La Presse.

In June 2014 Normandeau appeared before the Charbonneau Commission. Her name had come up in previous testimony at the commission.

### Quebec to invest

### \$4.7 billion in transportation infrastructure in next two years

The province's transport minister



Jacques Daoust has announced that \$4.7 billion will be invested in transportation infrastructure, of which 90 per cent will be used to maintain existing infrastructure and \$478 million will be applied to new projects.

More than \$1.4 billion will be in transportation infrastructure around Montreal and another \$67.3 million in Laval, funding 2,139 projects on 3,200 km. of roads around the province and supporting 31,500 workers between 2016 and 2018, the government said in a news release.

Daoust said that the investment will heed the recommendations of the Charbonneau Commission on corruption in the awarding of construction contracts in Quebec.

For example, Transports Québec will assume responsibility for inspections at a majority of work sites and undertake a thorough analysis of new materials available on the market in order to ensure quality control.

## NOVA SCOTIA

### CANS wins CCA Gold Seal Association Award

The Construction Association of Nova Scotia (CANS) has received the CCA Gold Seal Association Award at the Construction Association of Canada's (CCA) Annual Conference in New Orleans.

"As part of our Strategic Plan we set out to be a leading provider of industry education and training to the construction industry," CANS president Duncan Williams said. "Over the past four

years we have continued to increase the sophistication of offerings and have been promoting Gold Seal Certification as the industry standard."

The CCA Gold Seal Association Award recognizes outstanding achievements by CCA partner associations to promote and support the CCA Gold Seal program.

"Our entire course catalogue is Gold Seal Accredited," says Williams. "This translates to more than 80 courses, and approximately 44 Gold Seal credits or 220 hours of training, that members can then take and apply towards their Gold Seal Certification."

### Two construction industry conferences scheduled for Halifax

Halifax will host two significant con-



struction industry related conferences in late May.

The Construction Specifications Canada (CSC) national conference, which attracts specifiers, architects, engineers and contractors from across the country, will take place May 25 to 29.

Meanwhile, the Canadian Roofing Contractors' Association will hold its fifty-seventh annual general meeting and conference May 28 to 30 in Halifax.

## NEW BRUNSWICK

### Moncton: Construction starts on new downtown centre

The construction phase of Moncton's new downtown sports and entertainment centre has started with an official sod turning ceremony.

"This is good news as the construction phase will stimulate the economy





and create many jobs,” premier Brian Gallant said at the event. “Plus, once the centre is complete, it will enhance the quality of life for families in the region.”

Gallant also credited Moncton Mayor George LeBlanc, who is not running again for office, for his role in seeing the centre become a reality.

While the sod turning event occurred in late March, in fact site work had started earlier in the spring. The new downtown centre is scheduled to open in 2018, creating 713 construction jobs.

The overall project has a construction budget of about \$85 million, including a combined \$48 million federal/provincial contribution and Moncton city’s plans to borrow about \$39 million.

## PRINCE EDWARD ISLAND

### Riverview Manor construction to start in Montague



The provincial government has called for site preparation and foundation work for a new \$12.5 million Riverview long term care facility in Montague to replace the existing nearly 49-year old structure.

Last April, Premier Wade MacLauchlan announced the new 49-bed manor would be built on the site of the old Montague High School.

The initial bidding process was to close on May 5. Government will issue tenders for further work in mid to late May.

There also are plans for new long term care facility in Tyne Valley. Maynard indicated tenders will begin to be posted for this project in late May/early June.

### Charlottetown condos at Passmore and Chestnut now one step closer

The rezoning required for a controversial 50-unit Charlottetown condominium has passed first and second reading at city council. There is still a need for a third reading for final approval.

The project has faced some backlash, particularly around the issue of eight houses in an established downtown neighbourhood that are slated to be demolished to make room for the development. Approval to demolish the mostly vacant homes has already been granted by council, CBC has reported.

At a public meeting in February, developer Phillip O’Halloran faced questions and concerns from many Charlottetown residents.

O’Halloran said after that meeting, he went out and knocked on doors to listen to what people in the neighbourhood wanted.

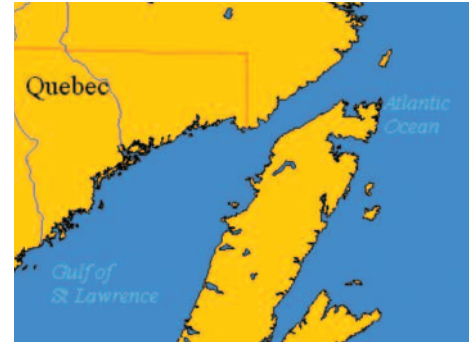
“We did canvas around the neighbourhood, which reaffirmed that we were given back almost a year ago, was a mandate to develop the area, and we have more than 230 sheets signed for the development, in support of the development in the immediate area,” he said.

Along with the condominiums, the building will have commercial space on the bottom level. O’Halloran said he wants a grocery store in that space because the downtown needs one. He said he is also in talks with coffee shops and a daycare.

## NEWFOUNDLAND AND LABRADOR

### St John’s housing market slows

More cool water is being dumped on the once hot real estate market in



St. John’s, according to data released by two housing groups.

The Canadian Mortgage and Housing Corporation released a survey showing construction activity was down in March in the capital city, after a small recovery in the latter half of 2015.

Home prices have also been flat throughout the last year in St. John’s, according to a second survey by Royal LePage.

In its release, the CMHC called construction in the St. John’s area “weak” in March.

Prices for bungalows and two-storey homes were relatively flat, both increasing less than one per cent over the last year.

The price for condominiums plummeted, falling almost 10 per cent in the same time frame.

### Government to explore tunnel viability between island and Labrador

The provincial government is spending \$750,000 to commission a study to see if a fixed, underground link between Labrador and the island of Newfoundland is feasible, VOCM reports.

The idea dates back to the days of Joey Smallwood.

In 2004, Nalcor did a similar study exploring all available options. It found that a tunnel with a single railway track was the only possible option at that time, but the high construction costs and low traffic volumes weren’t feasible.

However Premier Dwight Ball says now is a good time to revisit the idea.

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# WINDOOR 2016



# A new experience and venue in Montreal will add greater value and accessibility

*Canadian Design and Construction Report special feature*

WinDoor 2015, the twenty-first instalment of Canada's only industry owned fenestration trade show, included changes to the show's model intended to add greater value and members' accessibility. In February Fenestration Canada announced WinDoor 2016 would introduce several more exciting changes including a venue change and a new management team. This year's event will be hosted in Montreal under the direction of professional association management firm Zzeem Inc.

Fenestration Canada president Skip MacLean says WinDoor and the window and door industry is a living breathing thing and must evolve and change with the times. He says surveys of WinDoor attendees and exhibitors indicated a growing apathy towards the event and a growing concern regarding value. "All that being said there was still a tremendous interest to ensuring the show continue in the future."

WinDoor, he says, provides a forum like no other show in Canada and perhaps North America, in which an entire industry comes together to celebrate its economical importance, define its future and create discussion on issues that affect its industry specifically. At WinDoor, he says, attendees won't see roofing, siding or kitchen products. Rather, the show is window and door specific.

Planned changes to the show, which began after WinDoor 2014, came with an understanding, he says, that "the exhibits are the central part of the event. You might say the glue that holds everything together. WinDoor is where we gather to network with our peers, discuss relevant issues with suppliers, officials and other stakeholders."

MacLean explains Zzeem is a professional association management company, headed by Erin Roberts. "Erin is a true professional with a passion for teaching and guiding associations in becoming an important tool and instrument in personal and professional development for its members. Erin's team is built of industry professionals with a complete pallet of skills such as marketing, event management, finance, governance and skill development."







Rita Plaskett, WinDoor's event manager and member of the Zzeem organizing team, says after 22 years in Ontario, WinDoor is taking the show to Montreal. The move, she says, is also an opportunity to celebrate the association's ability and commitment to functioning in both official languages.

"The move from Toronto has provided us with some unique opportunities and the ability to create some truly engaging experiences for our attendees. Old Montreal is a jewel and couldn't provide a better backdrop for our new vision. The show's location inside the Palais des congrès de Montréal on the fringes of the old city, is just one opportunity people will have to truly experience the culture and flavour of the city."

Rather than the standard hotel block, for instance, organizers have sourced several unique boutique hotels in and around Old Montreal. The first night also includes an experience that will take visitors through several pubs in the old city and culminate at a larger venue where guests will sample some of the local cuisine and entertainment. Plaskett says the intent is to allow guests to truly experience and embrace the charms of this seventeenth-century city.

The second night will include a reception inside the Palais' exhibit space that will continue the experience with food, drink and entertainment.

While the social experiences will be a highlight, the trade show remains the event's driver. This too will be given a whole new look and benefit from the electric energy of the new venue and a new approach.

Plaskett says the Zzeem team will combine recognition of the show's past successes and a desire for new opportunities with a balance of enough that is recognizable with many new features.

"The team has looked at WinDoor from the perspective of a major production, at providing experiences that are interactive and exciting and at enhancing the networking opportunities, which we know has always been a major component of the show. We also understand though that what we want is something that both embraces the foundation of the previous event, which was so strong, yet adds interest for both veteran and new attendees."

Seminars will be presented in dedicated meeting rooms, rather than on the show floor for more of an educational impact. A central café adds one component to a

dynamic new floor plan.

"We've tried to conceive of every possible way exhibitors and attendees can come together," says Plaskett. "In the process, we've almost doubled the potential number of client facing hours available but also created opportunities for many that are more relaxed and engaging."

MacLean says show organizers understand that the future of the window and door industry is today. "What I mean is that there are a tremendous amount of younger, talented professionals in key strategic positions in this industry. It is this younger generation that needs to be engaged and inspired."

In today's market place, more than ever he says, knowledge is key. Networking is paramount to success. "Today's professional wants to know exactly why something needs to be done and wants to be a part of designing and executing all plans and strategies. WinDoor will emerge as the place to see and be seen, to learn, teach and share all aspects of what window and door manufacturing in Canada is."

MacLean also says, in all the excitement of the "new" it would be remiss to forget the efforts of those individuals who helped the association and industry get where it is today. "Although there are many, I would like to, on behalf of the board of Fenestration Canada, thank Robert Rivard (former Fenestration Canada executive director) and his team for helping us position ourselves so well to meet the future."

WinDoor will be Nov. 15 to 17, 2016. Watch for further announcements as details and the registration website are finalized.



## Industry outlook – Contrasting circumstances in eastern and western Canada

As show planning moves forward, so too does the regular business of the association. MacLean says he anticipates 2016 will be an anomaly and the industry is likely to see vast differences coast to coast.

“Eastern Canada with its manufacturing centres and resource rich Western Canada will experience two completely different results. We are seeing more cross provincial trading of fenestration products in the east and a significant interest in selling and marketing fenestration products in the U.S. due to the favourable exchange rate.”

He says one of the most significant occurrences may be the acquisition of Canadian manufacturing companies by U.S. and international powerhouses. “Many U.S. window manufacturers shuttered or sold operations during the latest U.S. downturn, therefore reducing capacity,” he said.

With the slow emergence of the U.S. economy, he says U.S. firms will need to reacquire that capacity and look to ready made Canadian producers to fill the gap.

While other industry sectors are abuzz with talk of infrastructure spending announcements, MacLean says he has not heard the chatter and remains undecided on the value of incentives by the government. “It took almost two years for the negative effect of the last round of incentives in On-

tario to wear off. The problem is that there is always an inevitable lull in business after having pushed two or more years of regular renovation spending into a finite time table.”

Rather than spending time looking at what may or may not trickle down budget wise, he says Fenestration Canada is focused on practical matters. The association is working with CSA in developing future code changes and will have an influential position on determining them.

“We are also working with NRC (National Research Council) regarding the need to modernize the code requirements that place restrictions on the size and spacing of windows constructed of combustible framing,” he said.

Another opportunity for members to come together and to discuss issues of importance is the association’s annual meeting and conference. This year the event is scheduled for June 8 to 11 at the Fairmont Tremblant. MacLean says early estimates suggest roughly 200 fenestration professionals will gather for education and information sessions that will include technical and business issues.

“The Annual General Meeting of Fenestration Canada allows for the interaction of industry professionals to network and develop relationships that are otherwise impractical or improbable.”

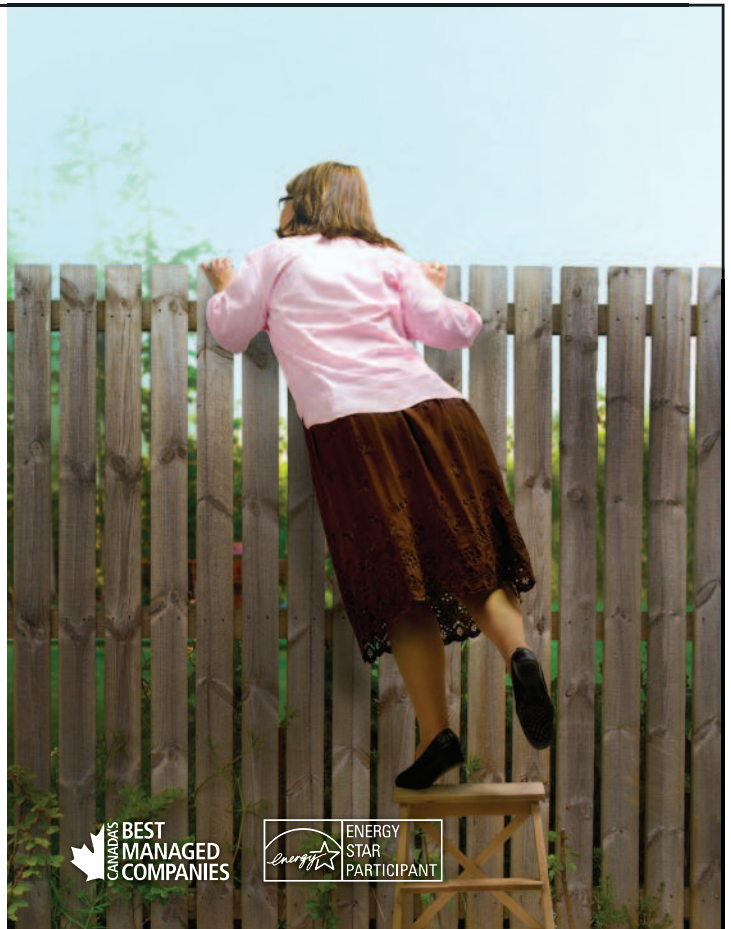
He says board and committees will meet to strategically plan upcoming initiatives and directives. Networking opportunities include the Supplier Showcase and the President’s Dinner.

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# Winnipeg's RBC Convention Centre's \$180 million expansion construction succeeds with collaborative design/build initiative

*Canadian Design and Construction Report special feature*



Located in the heart of Winnipeg, the RBC Convention Centre has undergone a \$180 million expansion which has almost doubled its size to 264,000 sq. ft., making it a landmark for the city, as well as the largest tier-two publicly owned convention centre in Canada and the nation's fourth largest publicly owned convention centre.

The expansion, designed to achieve LEED Silver certification, includes an additional ballroom, underground parking and more than 135,000 sq. ft. of third floor exhibition space. Existing space in the centre has been renovated and upgraded.

Stuart Olson performed design/build services for the project. Allmar and Branko Demolition & Disposal Ltd. added expertise. The new centre's design has been created through a joint venture of Winnipeg architects Number TEN Architectural Group and LM Architectural Group and associate architect LMN Architects of Seattle.

Matthew McInnis, Stuart Olson project manager, says his company's role was to manage the project team, including the design consultants, trade contractors, and suppliers, to ensure the project's requirements were met.

"Stuart Olson collaborated with the consortium of LM and Number10 Architects (LM10), along with Crosier Kilgour and Partners structural engineers, and SMS Engineering for the mechanical and electrical design to prepare the design for the new expansion."

During the preconstruction phase, an integrated project delivery approach involving many meetings with key team members, resulted in the drawings fully capturing all necessary features. This, he says, minimized change orders during the construction process, streamlined the process, and also created cost certainty for the owner.

"Stuart Olson, together with the consultant group, also strategized on the design schedule; resulting in the overall design being broken up into various drawing packages to allow the tendering of work and material procurement to be done in a sequential fashion to suit the needs of the construction schedule on site."

The phased design approach allowed for a fast track construction achieved between breaking ground in July 2013, and the first event in the new expansion in November 2015. This first event proved to be one of the project's key challenges.



"It was originally planned that the first event in the new Convention Centre Expansion would be held in March 2016, however when the Grey Cup game was announced to be in Winnipeg during November 2015, meetings took place between the Grey Cup stakeholders, WCC, Stuart Olson, and the trades and consultants to determine the requirements for the Grey Cup festival, and to see how those requirements could be met with an accelerated schedule."

Ultimately, McInnis says, all parties worked together to reprioritize work and provide additional resources, making the centre available for the Grey Cup Gala on Nov. 28. He says it was the largest attendance at any gala dinner in Winnipeg's history.

"In large part due to the clear, open, and honest communication that took place during the numerous project meetings, all stakeholder groups gained an understanding of the challenges faced by the other parties in the group, and the stakeholders worked together to collectively mitigate these challenges."

These open discussions, he says, also allowed the group to identify opportunities, resulting in the project remaining on schedule and on budget, while meeting the convention centre's operational needs.

Winnipeg based Allmar Inc. supplied the hollow metal doors and pressed steel frames, wood doors, mechanical and electrical hardware, toilet partitions, washroom accessories, and a full networked locking system.

Aaron Redekopp, Allmar operations manager said the company provided a total opening solution. "Our ability to provide the mechanical and electrical hardware and manage the installation reduces the potential co-ordination errors, especially when multiple trades are involved. We provide a single point of accountability."

He says the company conducted its own advanced planning to ensure a positive contribution to the project's success. At the outset, Allmar aims to plan for any eventualities and try to anticipate changes throughout the project, he said. "Partnering with an experienced and professional general contractor like Stuart Olson makes this



type of project much easier to facilitate."

Fortunately, he says, Allmar is experienced in challenging projects. "Contractors know the potential for changes and the challenging requirements, and they trust our team to deliver. Our company has been built on our value added service and consulting expertise and that is especially demonstrated on projects such as this. We are committed to providing a safe and secure environment for the owner and the occupants, for the life of the building."

Branko Demolition & Disposal Ltd. provided its waste management expertise, including providing roll off containers for waste and recycled materials. Owner and president Zelko Majetic says locating and removing bins at the downtown location created challenges. "There was no set schedule for removal or replacement but when the bin was full, it was taken, dumped and returned in a timely manner. This meant at some times, work had to happen during more congested periods of traffic."

The new construction used white

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metal panels to tie into the existing building's design and a bridge across a roadway joining old and new created a unique gathering space called the City Room. Able to hold 5,000 people, this 46,000 sq. ft. area features floor to ceiling glass 50 ft. high which will allow transparent views east and west down York Ave.

The centre's downtown location originally set the convention centre on the third floor with truck access facilitated by a ramp to get traffic off the main streets. The new design adds a second truck ramp to the south so there is access now from both sides of the convention floor for greater flexibility.

McInnis says the expansion has been a major enhancement to downtown Winnipeg's infrastructure. The larger facility, he says, is anticipated to draw interest from major conferences and exhibits, which will enhance tourism and awareness of the city's many great attractions.

"The convention centre project is a legacy that will be enjoyed by many people from Winnipeg and all around



the world, and it is an incredible honour to be part of the team that built this amazing facility."

Branko says the project succeeded, to a large degree, due to Stuart Olson's contribution and excellence. "All of the projects which we have been fortunate enough to work on with Stuart Olson have always been successful and held at a very high standard and we truly value the opportunity given to us during this project and all other projects which we have

been involved with."

McInnis says the project also highlights the success that can be achieved through the collaborative design-build project delivery method. "This is a major infrastructure project that was delivered on time and on budget, which is only too rare across the construction industry. Hopefully this project will serve as a model for future projects, and offer owners and project stakeholders an alternative to typical project delivery methods."

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# Canadian Roofing Contractors' Association (CRCA) members gather in Halifax for annual conference and general meeting

*Canadian Design and Construction  
Report special feature*

Canadian Roofing Contractors' Association (CRCA) members will gather in Halifax May 28 through 30 for the association's 57<sup>th</sup> Annual Conference and Annual General Meeting.

The busy weekend schedule includes a variety of sightseeing opportunities, as well as a strong educational component. CRCA executive director Bob Brunet says it has been 20 years since the event was hosted in Halifax so both opportunities should be well attended by members.

Seminars include Roofing 101 with CRCA technical manager Wendy Fraser and a wind design and CSA session with CRCA technical director Peter Kalingar.

Legal issues will be discussed including labour and human resources challenges, presented by Malcolm Boyle, a lawyer with McInnes Cooper, and construction contract liabilities and risks, presented by Geoff Saudners, with Wickwire Holme.

The event's keynote speaker will be Pete Lockett, entrepreneur and organizational change-agent who will address the gathering with a talk titled Turning Buyers into Believers as part of the annual awards luncheon.

Brunet says information sessions will be informative and invaluable to the industry in meeting its ongoing and newly evolving challenges. "Skilled labour shortages and demographic forces are reshaping the roofing industry's workforce," he said. "Our workers are getting older and trying to attract the younger generation is a challenge we continue to face."

Brunet says labour supply will continue to be an issue until a basic mindset change occurs. He says construction careers are still seen as a second or third choice to the younger generation. This is unfortunate because the perception is incorrect.

"Anyone opting for a trade career can look forward to a challenging career with excellent opportunities for advancement," he said. "Students entering a career in the trade sector will usually enter the workplace with much less debt than if he or she was coming out of university."

He says it is important for people to understand that roofing has become more complex and requires a different skill set than in the past with less reliance on physical work and more on mental efforts.

"Workers must be skilled in areas such as quality assurance when working with single ply technologies," he said. "Continuous training and development of our employees and allowing them to grow and progress within the industry will be a key."

He says there is potential help through the federal government's Canada Job Grant. Brunet says the program, administered by each province, helps employers train new or existing employees for jobs that need to be filled.

Another challenge he cites is the evolution of CoR (Certificate of Recognition) which he expects will become mandatory throughout Ontario and is currently being phased in through a multi-stage approach in Toronto.

The City of Toronto's website shows that stage one was an official communication from the city which took place

in January 2016. Phase two, to begin in January 2017, says all projects greater than \$25 million will require contractors and subcontractors to have CoR certification. In phase three, set for January 2018, the standard will apply to projects between \$10 million and \$25 million. Phase four, scheduled for January 2019, will require all projects, including architectural and engineering consultation, will be bound to CoR certification.

Brunet says that although the move will, among other challenges, create a huge time and cost commitment for members – the benefits of becoming CoR certified speak for themselves.

While technological improvements are intended to make things easier and improve quality, these are also creating challenges for contractors. Brunet says everything from GPS technology to BIM (Building Information Modelling) to modularization of roofing components "has and will continue to impact our contractors."

In addition, increased competition, and not only from outside of Canada, is a concern. "Our industry has to be aware of inter-provincial competition as well. Workers will continue to be mobile and relocate to where the work is and in Canada the hot spots are mainly in British Columbia, Saskatchewan, parts of Ontario and Newfoundland."

"On a national basis the number one priority in the workplace is worker safety and it will continue to be. Along with that, occupancy safety is also becoming very important when you are doing work on a building that is occupied."

For more information about CRCA, visit [www.roofingcanada.com](http://www.roofingcanada.com).

## KEMPER SYSTEM CANADA

# Cold liquid-applied membrane systems stand up to harsh Canadian climate

*Canadian Design and Construction Report special feature*

Kemper System Canada supplies cold liquid-applied membrane systems that stand up to the challenges of the harsh Canadian climate.

In Canada, the temperature performance of exterior waterproofing materials is a basic consideration. Roofing, in particular, must take a pounding in the summer heat as well as the sun, snow and frigid temperatures of winter.

Freeze-thaw cycles pry open crevices in and between these and other building materials, especially around metal flashings, joints and drains. Rubberized or bituminous materials, caulk and sealants are often the first to shrink and crack. Shingles and flashings can loosen and fly away. And the snow and ice that piles high in winter can pond on roofs in the spring when water damage often first becomes apparent.

During the past five years, KEMPEROL cold-liquid applied reinforced membrane systems have continued to prove valuable in harsh Canadian conditions.

Chris Hunter, eastern accounts manager, certified technical representative (CTR), certified construction contract administrator (CCCA) and registered roof observer (RRO), is helping to educate building owners, architects and consultants about the products and where they fit and where they may offer unique advantages.

Kemper System products can align well with specifications for publicly bid projects, Hunter says. "But we also can offer a combination of advantages that competitive products may not have. A lot is temperature related, but not all. The Kemper System reinforced roofing and waterproofing membranes can often go where other products can't, or certainly not as easily."



KEMPEROL liquid-applied systems, he says, are ideal for full roofing, especially jobs with multiple penetrations, as well as for many specialized waterproofing applications, such as green roofs, blue roof rainwater detention systems and white reflective roofs. "These are not single-ply or waterproofing paint, but reinforced resin membrane systems designed for extended life."

Hunter says that Kemper System pioneered cold liquid-applied reinforced resin membrane technology more than 50 years ago, and the technology is well proven in the colder climates of Europe and the U.S.

Kemper System membranes can be applied in cool temperatures, and even to cold surfaces following manufacturer recommendations for the specified system. For best results in cooler temperatures, the liquid resins are stored and acclimated at room temperature prior to application. A temporary tent can also be erected over some job sites, and heated if necessary, so work can proceed in wet or cooler weather.

Some of the advantages of the company's flagship product, the "odour free" KEMPEROL 2K-PUR reinforced membrane system, include an ultra-low VOC resin system made from 80 per cent renewable materials; a seamless and self-flashing fleece-reinforced resin membrane and full adherence across the surface and into minor gaps and crevices.

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Projects the system has been used on include the 10,000 sq. ft. Desjardins Financial building in downtown Toronto that included the installation of a rooftop solar array; a pilot project to reroof Shell gas stations and convenience stores at various locations across Ontario; and waterproofing for a reinforced concrete foundation for a turbine at a wind farm in Orangeville.

In addition, the new Kemperol Reflect 2K FR 'Cool Roof' system can help reduce building cooling costs. The product meets Toronto Cool Roof standards and eligibility requirements for LEED credits.

Richard Doornink, Kemper System Canada president and managing director, says the easy to apply Cool Roof resin membrane system consists of 70 per cent rapidly renewable resources, is fire rated for Class-A assemblies, and is odour free and low VOC.

"Kemperol Reflect 2K FR extends our efforts to support sustainable design. It is an all in one cool roof system, so no reflective topcoat is necessary which reduces labour costs during initial installation and future maintenance costs."

He says it offers the same advantages of standing up to harsh Canadian conditions including sun, wind, rain, ponding water, snow and ice. "Both of these key products fully adhere to substrates, and are self-flashing and self-terminating. They can monolithically seal roof perimeters, multiple penetrations and virtually any architectural detail."



According to a media release, Kemper System invented cold liquid-applied, reinforced membrane roofing and waterproofing technology more than 50 years ago and holds the first patents. The company provides long term, built to last solutions for: white roofs, green roofs, blue roofs, new roof assemblies, existing roof recovery, metal roofs, balconies and terraces, plazas, historic restoration, gutterways, interior and industrial applications and below-grade waterproofing.

For more information on Kemper System, visit <http://www.kempersystem.net>.

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# LiUNA Local 183 expands as largest North American construction union local

## Representing workers' interests from Oakville to Brockville and the Muskokas

*Canadian Design and Construction Report special feature*

LIUNA (Laborer's International Union of North America) Local 183 continues to grow its membership and expand its resources and facilities to meet the changing needs of the industry and its members.

LIUNA is the largest construction union in Ontario. Chartered in 1952, Local 183 is the largest construction local union in North America. Since its merger with Kingston based local 247 in October 2014, Local 183's coverage now stretches from Oakville to Brockville and north to the Muskokas.

John Evans, general counsel for Local 183, says in collective bargaining, size matters. "We were large before but now we have added buildings, properties, and geography, all of which will benefit our members."

Local 183 acquired 10 acres in Vaughan recently and is in preliminary development stages for its new 250,000 sq. ft. head office to be located there. The union currently has a 130,000 sq. ft. head office and training facility which Evans says it has outgrown. It has also added a 50,000 sq. ft. office and training space in Barrie along Hwy 400, also purchasing an adjacent building for future growth.

"North of Toronto is primed for growth for us because currently there are too many non-union contractors which makes it hard for our signatory companies to compete. By getting money into workers' hands, we support a redistribution of wealth that supports local economies."

Evans says LIUNA works with contractors, rather than against them, because it understands that if contractors aren't working, neither are members. The union though is focused on ensuring members earn living wages, and that they have access to great benefits, including the union's \$6 billion pension fund.

Stretching its boundaries is not a challenge for Local 183 because he says the union is familiar with negotiating for regional disparities and that it has the infrastructure,



people and facilities, including training centres, to support its members. The union is currently in bargaining talks now for 26 collective agreements, most of which he says will not result in labour unrest. "This country is seeing the biggest economic boom in the last 30 years. No one wants to not be working."

While the union currently sits at about 48,000 members, Evans says there is a focused effort to continue its growth. The executive, he says, is well versed in running a large organization and with a new CFO, legal counsel, health and safety director and full time government relations representative, the union has never been stronger.

Local 183's coverage is not only dispersed geographically; it also encompasses a wide variety of sectors including utilities, multi-residential, low rise residential, gas and pipeline, and civil trades. Evans says with contractors across the board experiencing growth and the provincial government's commitment to infrastructure spending, there has never been a better time to get organized.

"We provide our members with access to great work opportunities. We are a one stop shop for both legislated training and optional training that can make members more valuable to employers."

Also in support of its members, Local 183 boasts an in-house WSIB claims administration service, which looks after workers from start to finish. The union's legal department, with seven dedicated lawyers, can handle challenging issues at the level of some of Ontario's best labour law practices. "Whether it is straight up contracts, human rights issues or helping injured workers, we take proper representation in employment seriously."

LIUNA Local 183 also supports the community at large, fundraising and donating to major initiatives and local efforts on behalf of members and their communities. Evans says the union contributes more than half a million dollars annually to a variety of charitable initiatives.

For more information on LIUNA Local 183, visit [www.li-unalocal183.ca](http://www.li-unalocal183.ca).







# LiUNA! LOCAL 183

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*Following Brother Gallagher's example, Local 183 has grown from the original 400 Hydro workers to a current membership of over 48,000.*

*LiUNA Local 183 is committed to helping our members and communities establish a culture of learning and a legacy of prosperity for their families and generations to come.*

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# Toronto's 112-year old Omni King Edward Hotel receives \$40 million restoration





The historic 112-year old King Edward Hotel in downtown Toronto has undergone a \$40 million restoration, bringing together a unique blend of old world charm and modern style amenities.

Purchased by Omni Hotels & Resorts in 2013, renovations began soon after and were completed in 2015 when the hotel was unveiled as The Omni King Edward Hotel.

Work included a full renovation of all guest rooms and guest baths; aesthetic upgrades to the Vanity Fair, Windsor and Sovereign Ballrooms, as well as to

22,000 sq. ft. of meeting spaces, the Victoria's Restaurant and Lobby Bar; and a redesign of the front hotel lobby.

Moncur Design Associates provided interior design services for the restoration. Shurway Contracting Ltd. acted as general contractor. Endicott Flooring and Classic Fire Protection Inc. also added their expertise.

Robynne Moncur, president of Moncur Design, says her company provided the redesign for the consortium who previously owned the King Edward and she was pleased to have the opportunity under Omni to revisit the project. "Omni is a seasoned operator who doesn't just manage the property but

owns it as well. That means they really care about the end project and understand a reasonable amount of time is required to get the work done properly."

Moncur says her firm has done a number of these historic restoration projects including The Algonquin Resort St. Andrews by-the-sea, The Westin Portland, The Westin Nova Scotia, and The Westin Montreal. Though each of these properties is unique, she says a common thread is the balance between respecting and honouring the history of the hotel, while giving it a fresh look and new life.

"I never want to try to create a replica of the original," she says. "Rather we

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work to recreate the charm and feel through the subtle use of patterns and connections to the unique history that exists.”

For the Omni King Edward, she says she and her team of eight talented designers created a more interesting space through the blending of old and new; a luxurious old world feel without the stuffiness of the original era. “The hotel’s double height atrium space with faux stone columns remain and the ornate plaster work has been restored and returned to its original locations so those historic elements are still there but with a fresh feel.”

Rob Aitken, Shurway Contracting project manager, says the historic aspect created some of the unique challenges the construction team faced. “In any construction project when you’re opening up existing walls, sometimes you don’t find what you expect to. When those buildings were constructed in

1903 and 1921, the chance for that rises significantly.”

He says his team leaned heavily on ERA Architects for case by case advice as new situations were uncovered.

Another challenge, he says, was bringing the property up to code. That included fire and life safety and required the installation of heat sensors and sprinkler systems which had been lacking.

This code upgrade is a modernization that will be largely invisible to guests. Steve Peckham, sales manager with Classic Fire Protection Inc., says his company acted as lead technical consultant and chief estimator for the fire protection scope of the project.

He says this is largest hotel project of this nature his company has been involved with, however the team was successfully able to manage the challenges involved with working in an existing fully operational hotel, that of optimizing the

relatively large manpower crew required on site, as well as meeting deadlines.

“Actually the size of a project like this with multiple floors has advantages due to the repetition involved. What may be identified as a challenge on the first floor you work on, by the time you move to another level, has become resolved and routine.”

Peckham says, since Classic Fire strives to service what it installs, he hopes to have the opportunity to continue to be involved with this historic property.

Endicott Flooring supplied and installed tile for the suites, washrooms and public areas. President Frank Dodaro says his company has completed other hotel projects with Shurway Contracting over the years so is experienced in the challenges this type of project involves. “The biggest challenge is co-ordinating timing with all of the different trades who must each stick to tight schedules so the group behind them can do the same.”

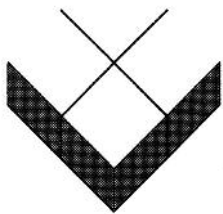
The key, he says, is constant communication in an effort to avoid one delay, which can then back up the rest of the team.

He says co-ordination of material delivery also had to be tightly monitored because with only one loading dock, a busy downtown location and an operational hotel, finding ways to get the materials to site and inside was difficult.

In the end though, everything did go according to plan and Dodaro says the result is a beautiful mix of old world charm and up to date conveniences through subtle elements like fixtures and technology.

Moncour says it is important to recognize the beauty and success of this project are the result of the work of all

*Congratulations to the whole team working on the  
Omni King Edward Hotel!*



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of the consultants who came together. "The historic architect, the engineers, the project manager, owner, developer, general contractor, all had a vital role to play and it is only when everyone does their part that a project succeeds as this one has."

She also credits the many unsung heroes who work behind the scenes to make the work happen. Companies like purchasing agent Sue Dulmage and Associates are invaluable but rarely heard about. "The work they did, ensuring we had the drawings we needed to get to the manufacturer in time for them to produce the pieces is critical to things running smoothly and being finished on time. We could not do what we do without them."

Dodaro says it was a pleasure to be involved with such a skilled team of people.

Peckham says Shurway's Rob Aitken and its vice president John Aitken did a masterful job running the project. "If a

job is well run I typically don't hear much until completion, which is what happened here. The hotel received a high quality job at a fair and competitive price. It was a win-win for the client and all of the contractors involved."

Moncur says she is proud to have been part of this project, creating a first class hotel in a first class city.



Aitken says, though his company has worked on several historic properties, The Omni King Edward stands out. "Shurway operates fast. We completed this project in 14 ½ months and because we need to consult back and forth with designers and engineers, we know we need definitive answers quickly. The team here gave us what we needed."

Omni, he says, has been a great client who he believes will do well in the Canadian marketplace. "They know what they are doing and they care about what they are doing."

Originally designed by Chicago architect Henry Ives Cobb and Toronto architect E.J. Lennox in 1903 to include 400 rooms and 300 baths. An 18-storey tower with an additional 530 rooms was added to the hotel in 1921. During its history, the hotel has played host to celebrities including Mark Twain, Ernest Hemingway, Elvis Presley, The Beatles, Liz Taylor and Richard Burton.



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## Women in engineering: Meagan Harvey, ROV Consulting Inc., Kelowna

# Succeeding through her abilities, initiatives, and with her employer's encouragement

Canadian Design and Construction Report special feature

An interest in science inspired by a physics teacher who liked to “blow stuff up,” combined with growing up helping her father in his handyman business, led Meagan Harvey to a career as a structural engineer. She now works with Kelowna based ROV Consulting Inc.

Harvey says she understands there are many programs that encourage and support women into non-traditional occupations. However, that doesn't make it less difficult to blend into a primarily male student body.

Fortunately, her program provided a co-operative component. “I had one other co-op job prior and was hired where I am now after my third year of schooling. I worked with other PEngs (professional engineers) during my EIT (engineering intern program) and got my P.Eng. in August 2015.”

She says during her career she has occasionally runs across challenging contractors. Since other engineers in the office have had similar experiences however, she says this is more likely the result of inex-



perience, rather than a gender issue.

She says there have been occasional back handed comments that aren't appreciated but adds that once there is a relationship established, these problems go away.

“A lot of the guys will offer to carry my clipboard or move this ladder, or move that piece of wood, or move this other thing. Some of my other colleagues don't get that treatment, or comments about me being the ‘best dressed person on the site’.”

She says she can envision some of the challenges other women in the field may experience, such as planning time off for maternity leave during the middle of a large or long-term project.

Despite these occasional issues Harvey says she loves her career for the variety and the satisfaction of seeing projects move to completion. Working

on more than 100 projects on average a year, she sees some that are smaller, and some that are quite large. “I did a 1,400 cu. m. water reservoir. This was possibly one of my largest, but really it was a giant concrete box.”

She has also been recognized with awards for several more complex projects, winning the 2015 SICA (Southern Interior Construction Association) Commercial Building Award for Renovation, as well as several Tommie Awards (recognition from the City of Kelowna), with two silver and one gold in the 2016 awards so far.

ROV president Richard Visscher calls Harvey brilliant and incredibly helpful to all of the homebuilders with whom she works. “As structural engineers we touch many projects and are instrumental in solving many problems as we create the “skeleton” for the homebuilders,” he said. “Meagan has been working for ROV Consulting for six years, as well as during her work co-op terms while going to UBCO. It is high time that she be recognized for her many talents as an engineer.”

Outside of her formal role, Harvey helped put together ROV's OQM (Organizational Quality Management Program) Manual, which allowed the company to become certified with APEGBC (Association of Professional Engineers and Geoscientists of British Columbia) in March 2016.

Harvey is also a member of APEGBC Okanagan Branch, and chair of the SEABC (Structural Engineers Association of British Columbia) Okanagan Branch.

Understanding the challenges, and the advantages, she says she would absolutely recommend a career in engineering to other women. She herself is inspired by one of her co-workers who was the first engineering Ph.D. female graduate from UBC's Okanagan campus.

“There can be a lot of hard work and stress, but the finished projects at the end of the day are worth it.”

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# Construction in the Canadian Mining Industry



## Canadian Design & Construction Report

Celebrate Canada's mining industry and the growth the industry will have for the next 20 years as the nation's natural resources demand is growing around the world. This industry growth provides new opportunities for companies from the construction industry to expand their traditional customer base to meet the demands for an ever growing sector of clients.

The June issue of the Canadian Design & Construction Report will highlight the leading suppliers and construction companies who are leading the charge to meet the needs for new mines, offices, processing plants, employee housing and infrastructure development. New for 2016 will be a "New Product Showcase" featuring heavy construction equipment, new technologies and interesting products in which you can have a 100 word write up with a graphic starting at only \$485!

As part of our coverage we will be highlighting large projects from all across Canada and looking to profile the following:

- Award Winning projects
- New Key Staff Announcements
- Top Young Employees Under 40
- Key Women in management and leadership roles

### Our readers want to know about you!

Covering the country and reaching thousands of readers with our print and enhanced online edition you can reach key industry decision makers in this special issue. Not only will you get printed copies of your advertising and editorial coverage, we will also provide you with an electronic version to use in your marketing materials, on your website or in your monthly email newsletters.

### Editorial publicity opportunities

Consider advertising 1/4 page or more. We will design an editorial message to go along with your advertising, doubling your space, at no extra cost. For example, purchase a 1/4 page ad and you will receive a 1/2 page worth of editorial coverage.

**Editorial Coverage Deadline May 20th**

**Advertising Deadline May 27th**

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## Dodge upcoming project reports

In co-operation with Dodge Analytics, the Canadian Design and Construction Report provides information on upcoming projects in the region. New project reports and information on projects in the planning stages are updated daily for McGraw-Hill Construction Dodge subscribers. Data copyright 2016 Dodge Analytics. Reprinted with permission.

**Dodge Analytics 613-727-4900 ext 4902 or 4953.**  
E-mail: mcgraw-hill@merx.com Web: www.construction.com

RFP/AE: ITEM Boiler Replacement (Remand Centre) AB201601826  
12200 - 85 Street NW  
CALGARY, AB T3R 1J3 CAN  
AB(DIVISION 06)201600465818 v1  
Action stage: Negotiating, Request for Proposals  
Bid date: 03/31/2016 @ 04:00 PM MDT  
Valuation: C (200K to <300K)  
First issue bid stage IND: Y.  
Project delivery system: Design-Bid-Build  
Owner type: State  
Project Overview  
Project type: Prison/Jail.  
Report type: ITEM Only  
Sub project count: 0  
First publish date: 03/15/2016  
Publisher: Dodge Data & Analytics  
Type of Item: ALTERATION.  
Item Code: Boiler Replacement.  
Item Category: PLUMBING/FIRE PROTECTION  
Status: Owner request proposal from Engineering Services by March 31 at 4:00 PM (MDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Consultant: Alberta Purchasing Connection P.O. Box 1333 EDMONTON AB T5J 2N2  
Phone:780-644-5726  
E-mail: apc.help@gov.ab.ca, https://vendor.purchasingconnection.ca  
Owner (Public): Alberta Infrastructure  
Archana Sharma, Procurement Spec.  
6950 - 113 Street (Second Floor) EDMONTON AB T6H 5V7  
Phone:780-427-3962 Fax:780-422-9686  
E-mail: archana.sharma@gov.ab.ca, http://www.infrastructure.alberta.ca/  
Company Name : Alberta Infrastructure Email ID : archana.sharma@gov.ab.ca Internet Addr : http://www.infrastructure.alberta.ca/  
Notes: DEWB73 - Plans & Specifications are currently being processed and will be available within 1-2 business days  
Plans available from: Consultant

Items: Engineering Consultant Services For CALGARY-REMAND CENTRE - Boiler Replacement 2016 Sidewalk Program T0555216  
GRANDE PRAIRIE, AB CAN  
AB(DIVISION 19)201600451523 v2  
Action stage: Bidding  
Bid date: 03/17/2016 @ 02:00 PM MDT  
Valuation: F (500K to <750K)  
Project delivery system: Design-Bid-Build  
Target start date: 04/01/2016  
Owner type: Local Government  
Project Overview  
Project type: Sidewalk/Parking Lot.  
Report type: Project  
Sub project count: 0  
First publish date: 03/02/2016  
Prior publish date: 03/02/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: Bids to Owner March 17 at 2:00 PM (MDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: City of Grande Prairie  
Bob MacNeill (aka R D), Purchasing Manager  
PO Bag 4000 10205 - 98 Street GRANDE PRAIRIE AB T8V 6V3  
Phone:780-538-0344 Fax:780-538-4880  
E-mail: purcont@cityofgp.com, http://www.city-ofgp.com  
Owner (Public): City of Grande Prairie  
Bob MacNeill (aka R D), Purchasing Manager  
PO Bag 4000 10205 - 98 Street GRANDE PRAIRIE AB T8V 6V3  
Phone:780-538-0344 Fax:780-538-4880  
E-mail: purcont@cityofgp.com, http://www.city-ofgp.com  
Notes: DEWB82  
Bonds: 10% Bid Bond.

Plans available from: Owner (Public)  
Additional features: Remove & Replace Monolithic Curb- Gutter - Sidewalk 3600 l.m. Remove & Replace Separate Sidewalk 1400 m2 Catch Basin Repairs 5 each Manhole Repairs 7 v.m. Asphalt Road Repairs 2500 m2

GP Curling Club Interior Renovations T1843316  
10205 98 Street  
GRANDE PRAIRIE, AB T8V 0S1 CAN  
AB(DIVISION 19)201600451623 v3  
Action stage: GC Bidding  
Bid date: 03/17/2016 @ 02:00 PM MDT  
Valuation: F (500K to <750K)  
Project delivery system: Design-Bid-Build  
Target start date: 05/01/2016  
Owner type: Local Government  
Project Overview  
Project type: Indoor Arena.  
Report type: Project  
Sub project count: 0  
First publish date: 03/02/2016  
Prior publish date: 03/04/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Interiors  
Status: GC Bids to Owner March 17 at 2:00 PM (MST)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Architect: Field, Field & Field  
Roger Field, Engineer  
9835 - 101 Avenue Grande Prairie AB T8V 5V4  
Phone:780-532-3690 Fax:780-538-1066  
E-mail: fields3@telusplanet.net, http://www.f3archeng.com  
Email ID : fields3@telusplanet.net Internet Addr : www.f3archeng.com  
Consultant: Alberta Purchasing Connection P.O. Box 1333 EDMONTON AB T5J 2N2  
Phone:780-644-5726  
E-mail: apc.help@gov.ab.ca, https://vendor.purchasingconnection.ca  
Electrical Engineer: Field Field and Field Architecture-Engineering Ltd  
Jack E Field P. Eng, Engineer  
100 Windsor Court GRANDE PRAIRIE AB T8V 5V4  
Phone:780-532-3690 Fax:780-538-1066  
E-mail: fields3@telusplanet.net, http://www.f3archeng.com/  
Email ID : fields3@telusplanet.net Internet Addr : http://www.f3archeng.com/  
Mechanical Engineer: Field Field and Field Architecture-Engineering Ltd  
Jay Field  
100 Windsor Court GRANDE PRAIRIE AB T8V 5V4  
Phone:780-532-3690 Fax:780-538-1066  
E-mail: fields3@telusplanet.net, http://www.f3archeng.com/  
Owner (Public): City of Grande Prairie  
Bob MacNeill (aka R D), Purchasing Manager  
PO Bag 4000 10205 - 98 Street GRANDE PRAIRIE AB T8V 6V3  
Phone:780-538-0344 Fax:780-538-4880  
E-mail: purcont@cityofgp.com, http://www.city-ofgp.com  
Notes: DEWB82 - Mandatory Site Meeting March 2 at 10:30 AM (EST) at the GP Curling Club located at 10127-99 Avenue - Grande Prairie - Alberta  
Bonds: 10% Bid Bond. 50% Performance Bond. 50% Payment Bond.  
Plans available from: Consultant  
Additional features: Interior Renovations at the GP Curling Club

Concrete Sidewalk Replacement - Site Grading CRH-2016-004-A  
4 Sites  
EDMONTON, AB CAN  
AB(DIVISION 11)201600459262 v2  
Action stage: Bidding  
Bid date: 03/17/2016 @ 02:00 PM MDT  
Valuation: F (500K to <750K)

Plans available from: Owner (Public)  
Additional features: Remove & Replace Monolithic Curb- Gutter - Sidewalk 3600 l.m. Remove & Replace Separate Sidewalk 1400 m2 Catch Basin Repairs 5 each Manhole Repairs 7 v.m. Asphalt Road Repairs 2500 m2

Project delivery system: Design-Bid-Build  
Target start date: 04/01/2016  
Owner type: Local Government  
Project Overview  
Project type: Sidewalk/Parking Lot. Site Development.  
Report type: Project & ITEM  
Sub project count: 0  
First publish date: 03/08/2016  
Prior publish date: 03/08/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: Bids to Owner March 17 at 2:00 PM (MDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: Capital Region Housing Corporation  
Tyler McKay, Project Coordinator  
10232 - 112 Street NW EDMONTON AB T5K 1M4  
Phone:780-420-6161 Fax:780-426-6854  
E-mail: tyler.mckay@crhc.ab.ca, http://www.crhc.ab.ca/  
Company Name : Capital Region Housing Corporation Email ID : tyler.mckay@crhc.ab.ca Internet Addr : http://www.crhc.ab.ca/  
Owner (Public): Capital Region Housing Corporation Tyler McKay, Project Coordinator  
10232 - 112 Street NW EDMONTON AB T5K 1M4  
Phone:780-420-6161 Fax:780-426-6854  
E-mail: tyler.mckay@crhc.ab.ca, http://www.crhc.ab.ca/  
Company Name : Capital Region Housing Corporation Email ID : tyler.mckay@crhc.ab.ca Internet Addr : http://www.crhc.ab.ca/  
Notes: DEWB82 Mandatory pre-bid meeting March 10 at 10:00 AM (MST) at Dunluce IV - 11930 - 162 Avenue Edmonton, AB  
Plans available from: Owner (Public)  
Additional features: to replace the existing sidewalks and repair grading at 4 sites in Edmonton

\*Grandview Condominium Renovations  
228 26 Ave SW  
CALGARY, AB T2S 3C6 CAN  
AB(DIVISION 06)201600464725 v2  
Action stage: GC Bidding  
Bid date: 03/16/2016 @ 02:00 PM MDT  
Valuation: F (500K to <750K)  
Project delivery system: Design-Bid-Build  
Target start date: 04/01/2016  
Owner type: Private  
Project Overview  
Project type: Apartments/Condominiums 1-3 Stories.  
Report type: Project  
Sub project count: 0  
First publish date: 03/14/2016  
Prior publish date: 03/14/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: GC Bids to Owner by March 16 at 2:00 PM (MST)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Architect  
Architect: Gibbs Gage Partnership Architects  
350 - 140 10 Avenue SE CALGARY AB T2G 0R1  
Phone:403-233-2000 Fax:403-264-0879  
E-mail: info@gibbsgage.com, http://www.gibbsgage.com  
Owner (Private): Fourfamily Holdings Corporation  
102 - 8TH AVENUE S.W CALGARY AB T2P 1B3, CAN)  
Notes: CRCN03 - Documents for this project will not appear in the Dodge Global Network  
\*Plans available from: \*Architect  
Additional features: Grandview Condominium Renovations

**ATLANTIC**  
Concrete Curb - Gutter & Sidewalk - All Divisions

T83-2015  
SYDNEY, NS CAN  
NS(CAPE BRETON)201600454289 v2  
Action stage: Bidding  
Bid date: 03/17/2016 @ 11:00 AM ADT  
Valuation: F (500K to <750K)  
Project delivery system: Design-Bid-Build  
Target start date: 04/01/2016  
Owner type: Local Government  
Project Overview  
Project type: Paving, Sidewalk/Parking Lot, Storm Sewer.  
Report type: Project  
Sub project count: 0  
First publish date: 03/03/2016  
Prior publish date: 03/03/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: Bids to Owner March 17 at 11:00 AM (ADT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: Cape Breton Regional Municipality  
Reception  
320 Esplanade SYDNEY NS B1P 7B9  
Phone:902-563-5005 Fax:902-564-0481  
E-mail: cbrm@cbrm.ns.ca, http://www.cbrm.ns.ca/portal/default.asp  
Owner (Public): Cape Breton Regional Municipality  
Reception  
320 Esplanade SYDNEY NS B1P 7B9  
Phone:902-563-5005 Fax:902-564-0481  
E-mail: cbrm@cbrm.ns.ca, http://www.cbrm.ns.ca/portal/default.asp  
Notes: DEWB43  
Plans available from: Owner (Public)  
Additional features: CONCRETE CURB - GUTTER & SIDEWALK - ALL DIVISIONS.

Asphalt Patching - Paving - All Divisions T82-2015  
SYDNEY, NS CAN  
NS(CAPE BRETON)201600454291 v2  
Action stage: Bidding  
Bid date: 03/17/2016 @ 11:00 AM ADT  
Valuation: F (500K to <750K)  
Project delivery system: Design-Bid-Build  
Target start date: 04/01/2016  
Owner type: Local Government  
Project Overview  
Project type: Paving  
Report type: Project  
Sub project count: 0  
First publish date: 03/03/2016  
Prior publish date: 03/03/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: Bids to Owner March 17 at 11:00 AM (ADT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: Cape Breton Regional Municipality  
Reception  
320 Esplanade SYDNEY NS B1P 7B9  
Phone:902-563-5005 Fax:902-564-0481  
E-mail: cbrm@cbrm.ns.ca, http://www.cbrm.ns.ca/portal/default.asp  
Owner (Public): Cape Breton Regional Municipality  
Reception  
320 Esplanade SYDNEY NS B1P 7B9  
Phone:902-563-5005 Fax:902-564-0481  
E-mail: cbrm@cbrm.ns.ca, http://www.cbrm.ns.ca/portal/default.asp  
Notes: DEWB43  
Plans available from: Owner (Public)  
Additional features: Asphalt Patching And Paving - All Divisions

ITEM: Wheel Loader P16-14  
FREDERICTON, NB CAN  
NB(YORK)201600466549 v1

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: \$25,000,000-\$49,999,999; N: \$50,000,000-No Maximum





## Dodge upcoming project reports

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E-mail: mcgraw-hill@merx.com Web: www.construction.com

Action stage: Bidding  
 Bid date: 04/07/2016 @ 03:00 PM ADT  
 Valuation: First issue bid stage IND: Y.  
 Project delivery system: Design-Bid-Build  
 Owner type: Local Government  
 Project Overview  
 Project type: Site Development.  
 Report type: ITEM Only  
 Sub project count: 0  
 First publish date: 03/15/2016  
 Publisher: Dodge Data & Analytics  
 Type of Item: MATL EQUIP.  
 Item Code: Utility Loaders.  
 Item Category: CONTRACTORS EQUIP.  
 Status: Bids to Owner April 7 at 3:00 PM (ADT)  
 Status project delivery system: Design-Bid-Build  
 Publish date: 03/15/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Public)  
 Engineer: City of Fredericton - City Hall  
 Dale Curtis, Administration 397 Queen Street  
 FREDERICTON NB E3B 4Y7  
 Phone:506-460-2040 Fax:506-460-2030  
 E-mail: dale.curtis@fredericton.ca,  
<http://www.city.fredericton.nb.ca/>  
 Owner (Public): City of Fredericton - City Hall  
 Dale Curtis, Administration 397 Queen Street  
 FREDERICTON NB E3B 4Y7  
 Phone:506-460-2040 Fax:506-460-2030  
 E-mail: dale.curtis@fredericton.ca,  
<http://www.city.fredericton.nb.ca/>  
 Notes: DEWB40  
 Plans available from: Owner (Public)

ITEM: Lawn Care (Wedgheven Apartments)  
 RFQWRHAY201638  
 WEDGEPORT, NS CAN  
 NS(YARMOOUTH)\201600466617 v1  
 Action stage: Bidding  
 Bid date: 03/24/2016 @ 02:00 PM ADT  
 Valuation: First issue bid stage IND: Y.  
 Project delivery system: Design-Bid-Build  
 Owner type: Private  
 Project Overview  
 Project type: Apartments/Condominiums 4+ Stories.  
 Landscaping.  
 Report type: ITEM Only  
 Sub project count: 0  
 First publish date: 03/15/2016  
 Publisher: Dodge Data & Analytics  
 Type of Item: MATL EQUIP.  
 Item Code: Trees-Plntg,Surg,Trim,Spry,Rem.  
 Item Category: LANDSCAPE MATLS.  
 Status: Bids to Owner March 24 at 2:00 PM (ADT)  
 Status project delivery system: Design-Bid-Build  
 Publish date: 03/15/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Public)  
 Engineer: Western Regional Annapolis Valley Housing  
 Colleen Austin, Procurement  
 25 Kentucky Court NEW MINAS  
 NS B4N 4N1  
 Phone:902-681-3179 Fax:902-681-0806  
 E-mail: wrha\_procurement@novascotia.ca Company  
 Name : Western Regional Annapolis Valley Housing  
 Owner (Public): Western Regional Annapolis Valley Housing  
 Colleen Austin, Procurement  
 25 Kentucky Court NEW MINAS  
 NS B4N 4N1  
 Phone:902-681-3179 Fax:902-681-0806  
 E-mail: wrha\_procurement@novascotia.ca Company  
 Name : Western Regional Annapolis Valley Housing  
 Notes: DEWB40  
 Plans available from: Owner (Public)

ITEM: Lawn Care (Belle Vue Apartments)  
 RFQWRHAY201640  
 PUBNIC, NS CAN  
 NS(YARMOOUTH)\201600466652 v1  
 Action stage: Bidding  
 Bid date: 03/24/2016 @ 02:00 PM ADT  
 Valuation: First issue bid stage IND: Y.

Project delivery system: Design-Bid-Build  
 Owner type: Private  
 Project Overview  
 Project type: Landscaping.  
 Report type: ITEM Only  
 Sub project count: 0  
 First publish date: 03/15/2016  
 Publisher: Dodge Data & Analytics  
 Type of Item: MATL EQUIP.  
 Item Code: Trees-Plntg,Surg,Trim,Spry,Rem.  
 Item Category: LANDSCAPE MATLS.  
 Status: Bids to Owner March 24 at 2:00 PM (ADT)  
 Status project delivery system: Design-Bid-Build  
 Publish date: 03/15/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Private)  
 Engineer: Western Regional Annapolis Valley Housing  
 Colleen Austin, Procurement  
 25 Kentucky Court NEW MINAS  
 NS B4N 4N1  
 Phone:902-681-3179 Fax:902-681-0806  
 E-mail: wrha\_procurement@novascotia.ca Company  
 Name : Western Regional Annapolis Valley Housing  
 Owner (Private): Western Regional Annapolis Valley Housing  
 Colleen Austin, Procurement  
 25 Kentucky Court NEW MINAS  
 NS B4N 4N1  
 Phone:902-681-3179 Fax:902-681-0806  
 E-mail: wrha\_procurement@novascotia.ca Company  
 Name : Western Regional Annapolis Valley Housing  
 Notes: DEWB40  
 Plans available from: Owner (Private)

## British-Columbia

ITEM: Electrical Components RF16037  
 BURNABY, BC V3N 4 CAN  
 BC(GREATER VANCOUVER)\201600481116 v1  
 Action stage: Bidding  
 Bid date: 04/18/2016 @ 11:00 AM PDT  
 Valuation: First issue bid stage IND: Y.  
 Project delivery system: Design-Bid-Build  
 Owner type: Private  
 Project Overview  
 Project type: Electric Substation.  
 Report type: ITEM Only  
 Sub project count: 0  
 First publish date: 03/28/2016  
 Publisher: Dodge Data & Analytics  
 Type of Work: Additions  
 Type of Item: MATL EQUIP.  
 Item Code: Elec Work. Wire-Elec.  
 Item Category: ELECTRICAL. ELECTRICAL.  
 Status: Bids to Owner April 18 at 11:00 AM (PDT)  
 Status project delivery system: Design-Bid-Build  
 Publish date: 03/28/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Private)  
 Engineer: BC Hydro and Power Authority  
 Purchasing Department, Tenders  
 6911 Southpoint Drive BURNABY  
 BC V3N 4X8  
 Phone:604-623-4346 Fax:604-623-3920  
 E-mail: bidstation@bchydro.com, <http://www.bchydro.com>  
 Email ID : bidstation@bchydro.com  
 Owner (Private): BC Hydro and Power Authority  
 Purchasing Department, Tenders  
 6911 Southpoint Drive BURNABY  
 BC V3N 4X8  
 Phone:604-623-4346 Fax:604-623-3920  
 E-mail: bidstation@bchydro.com, <http://www.bchydro.com>  
 Email ID : bidstation@bchydro.com  
 Notes: DEWB14  
 Plans available from: Owner (Private)  
 Items: Electronic Equipment Components Electric  
 Wire and Power and Distribution Equipment All Locations

ITEM: Office Furniture RFP16030  
 BC CAN  
 BC(CAPITAL)\201600481093 v1

Action stage: Bidding  
 Bid date: 04/14/2016 @ 04:00 PM PDT  
 Valuation: First issue bid stage IND: Y.  
 Project delivery system: Design-Bid-Build  
 Owner type: Local Government  
 Project Overview  
 Project type: Office.  
 Report type: ITEM Only  
 Sub project count: 0  
 First publish date: 03/28/2016  
 Publisher: Dodge Data & Analytics  
 Type of Item: MATL EQUIP.  
 Item Code: Office Furniture.  
 Item Category: OFFICE EQUIP.  
 Status: Bids to Owner April 14 at 4:00 PM (PDT)  
 Status project delivery system: Design-Bid-Build  
 Publish date: 03/28/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Public)  
 Engineer: City of Victoria  
 Tenders  
 City Hall No. 1 Centennial Square VICTORIA  
 BC V8W 1P6  
 Phone:250-385-5711 Fax:250-361-0214  
 E-mail: purchasing@victoria.ca  
[https://bids.victoria.ca/BIDS/opportunity/current\\_opportunities.aspx](https://bids.victoria.ca/BIDS/opportunity/current_opportunities.aspx)  
 Owner (Public): City of Victoria  
 Tenders  
 City Hall No. 1 Centennial Square VICTORIA  
 BC V8W 1P6  
 Phone:250-385-5711 Fax:250-361-0214  
 E-mail: purchasing@victoria.ca  
[https://bids.victoria.ca/BIDS/opportunity/current\\_opportunities.aspx](https://bids.victoria.ca/BIDS/opportunity/current_opportunities.aspx)  
 Notes: DEWB06  
 Plans available from: Owner (Public)

ITEM: Roofing Services - PNE Agrodome  
 PS20160459  
 2901 East Hastings Street  
 VANCOUVER, BC CAN  
 BC(GREATER VANCOUVER)\201600481161 v1  
 Action stage: Bidding  
 Bid date: 04/05/2016 @ 03:00 PM PDT  
 Valuation: B (100K to <200K)  
 First issue bid stage IND: Y.  
 Project delivery system: Design-Bid-Build  
 Target start date: 06/01/2016  
 Owner type: Local Government  
 Project Overview  
 Project type: Stadium.  
 Report type: ITEM Only  
 Sub project count: 0  
 First publish date: 03/28/2016  
 Publisher: Dodge Data & Analytics  
 Type of Item: ALTERATION.  
 Item Code: Roofing-All Types. Slabs-Floor or Roof.  
 Item Category: ROOFING. MASONRY/CONCRETE.  
 Status: Bids to Owner April 05 at 03:00 PM (PDT)  
 Status project delivery system: Design-Bid-Build  
 Publish date: 03/28/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Public)  
 Engineer: City of Vancouver  
 Purchasing  
 453 West 12th Avenue 1st Floor, City Hall VANCOUVER  
 BC V5Y 1V4  
 Phone:604-873-7263 Fax:604-873-7057  
 E-mail: purchasing@vancouver.ca,  
<http://vancouver.ca>  
 Owner (Public): City of Vancouver  
 Purchasing  
 453 West 12th Avenue 1st Floor, City Hall VANCOUVER  
 BC V5Y 1V4  
 Phone:604-873-7263 Fax:604-873-7057  
 E-mail: purchasing@vancouver.ca,  
<http://vancouver.ca>  
 Notes: DEWB54 - Mandatory Pre-Bid March 16 at 12:45 PM (PDT) - All Tenderers are to meet at the P1 parking lot, north of Hastings on Renfrew Street. Tenderers are asked to pre-register for the Mandatory Information Meeting by submitting the Mandatory

Information Meeting Attendance Form (Appendix 1) to the Contact Person by email prior to 3:00 p.m., March 15, 2016. - Plans & Specifications are currently being processed and will be available within 1-2 business days  
 Plans available from: Owner (Public)  
 Construction Document Links: ITEM: Roofing Services - PNE Agrodome  
 Plans/Specs  
 Items: ROOFING SERVICES AT THE PNE AGRODOME

ITEM: Supply of Hot and Cold Mix Asphalt T1016  
 BC CAN  
 BC(CAPITAL)\201600481125 v1  
 Action stage: Bidding  
 Bid date: 04/12/2016 @ 03:00 PM PDT  
 Valuation: First issue bid stage IND: Y.  
 Project delivery system: Design-Bid-Build  
 Owner type: Local Government  
 Project Overview  
 Project type: Paving.  
 Report type: ITEM Only  
 Sub project count: 0  
 First publish date: 03/28/2016  
 Publisher: Dodge Data & Analytics  
 Type of Work: Additions  
 Type of Item: MATL EQUIP.  
 Item Code: Asphalt. Asphaltic Concrete. Road Materials.  
 Item Category: HIGHWAY SUPPLIES. HIGHWAY SUPPLIES.  
 Status: Bids to Owner April 12 at 3:00 PM (PDT)  
 Status project delivery system: Design-Bid-Build  
 Publish date: 03/28/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Public)  
 Engineer: Corporation of the District of Saanich-Parks & Rec  
 Parks and Recreation  
 770 Vernon Avenue Victoria  
 BC V8Z 3X6  
 Phone:250-475-5422  
<http://www.gov.saanich.bc.ca>  
 Owner (Public): District of Saanich Admin  
 770 Vernon Avenue VICTORIA  
 BC V8X 2W7  
 Phone:250-475-1775 Fax:250-475-5400  
 E-mail: purchase@saanich.ca, <http://saanich.ca/webapp/vso/index.jsp>  
 Notes: DEWB70  
 Plans available from: Owner (Public)  
 Items: The purpose of this Tender is to select one 1 or more qualified Bidders to provide Hot and Cold Mix Asphalt - FOB Plant , as and when requested. For additional details, see section 3.0 Scope of Work and Responsibilities. The Term of this Contract will be from date of execution for the period ending May 31, 2017

Dog Shelter Facility 2016-TENDER-01  
 2330 Dartmouth Drive  
 PENTICTON, BC V2A 3K6 CAN  
 BC(KANAGAN-SIMILKAMEEN)\201600473353 v3  
 Action stage: GC Bidding  
 Bid date: 04/04/2016 @ 02:00 PM PDT  
 Valuation: C (200K to <300K)  
 Project delivery system: Design-Bid-Build  
 Target start date: 05/01/2016  
 Owner type: Local Government  
 Project Overview  
 Project type: Animal/Plant/Fish Facility.  
 Report type: Project  
 Sub project count: 0  
 First publish date: 03/23/2016  
 Prior publish date: 03/23/2016  
 Publisher: Dodge Data & Analytics  
 Type of Work: New Project  
 Status: Bid date extended from March 29 - GC Bids to Owner April 04 at 02:00 PM (PDT)  
 Status project delivery system: Design-Bid-Build  
 Publish date: 03/28/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Public)

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: \$25,000,000-\$49,999,999; N: \$50,000,000-No Maximum



## Dodge upcoming project reports

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**Dodge Analytics 613-727-4900 ext 4902 or 4953.**

E-mail: mcgraw-hill@merx.com Web: www.construction.com

Architect: Meiklejohn Architects Inc  
 Jim Meiklejohn, Principal  
 233 Bernard Avenue Kelowna  
 BC V1Y 6N2  
 Phone:250-762-3004 Fax:250-762-8707  
 E-mail: jim-mai@shaw.ca, http://www.meiklejohn.ca/  
 Email ID : mbmarch@img.net  
 Architect: Meiklejohn and Meiklejohn Architects Inc.  
 201 - 75 Front Street PENTICTON BC V2A 1H2  
 Phone:250-492-3143 Fax:250-492-0318  
 E-mail: pen-mai@shaw.ca, http://meiklejohn.ca/  
 Mechanical Engineer: Bains Leslie Engineering Corp  
 Reception  
 101 - 233 Haynes PentictON BC V2A 5S1  
 Phone:250-490-0747 Fax:250-490-8763  
 Owner (Public): City of PentictON Cathy Ingram,  
 Purchasing MGR  
 616 Okanagan Avenue East PENTICTON BC V2A  
 3K6  
 Phone:250-490-2400 Fax:250-490-2402  
 E-mail: cathy.ingram@penticton.ca, http://www.penticton.ca/  
 Internet Addr : http://www.penticton.ca/  
 Structural Engineer: Riding Engineering  
 114-246 Martin Street PENTICTON BC V2A 5K3  
 Phone:778-476-5066  
 Notes: DEWB54 Optional site meeting March 18 at  
 9:00 AM (PDT) at 2330 Dartmouth Drive  
 Bonds: 10% Bid Bond. 50% Performance Bond. 50%  
 Payment Bond.  
 Plans available from: Architect  
 Additional features: Construct a Dog Shelter Facility

## MANITOBA

Jacking Culverts 360616  
 CP Mile 4.05  
 WINNIPEG, MB CAN  
 MB(DIVISION 11)\201600457159 v2  
 Action stage: Bidding  
 Bid date: 03/17/2016 @ 12:00 PM CDT  
 Valuation: F (500K to <750K)  
 Project delivery system: Design-Bid-Build  
 Target complete date: 09/01/2016  
 Owner type: Local Government  
 Project Overview  
 Report type: Storm Sewer.  
 Sub project count: 0  
 First publish date: 03/07/2016  
 Prior publish date: 03/07/2016  
 Publisher: Dodge Data & Analytics  
 Type of Work: Alterations  
 Status: Bids to Owner March 17 at 12:00 PM (CDT)  
 Status project delivery  
 system: Design-Bid-Build  
 Publish date: 03/15/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Public)  
 Consultant: MERX  
 Customer Support, Consultant  
 38 Antares Drive Ottawa  
 ON K2E 7V2  
 Phone:613-727-4900 Fax:888-235-5800  
 E-mail: merx@merx.com, http://www.merx.com  
 Bidders must be registered with MERX to order doc-  
 uments and submit a bid. MERX is the sole source  
 for documents. Register at www.merx.com.  
 Consulting Engineer: KGS Group  
 865 Waverley, 3rd floor Winnipeg  
 MB  
 R3T 5P4  
 Phone:204-896-1209 Fax:204-896-0754  
 E-mail: kgs@ksgroup.com,  
 http://www.ksgroup.com/  
 Engineer: APEGM  
 870 Pembina Hwy WINNIPEG  
 MB  
 R3M 2M7  
 Phone:204-474-2736  
 Owner (Public): Government of Manitoba Highways  
 & Transportation SCOTT JOHNSTON  
 215 Garry Street 16th Floor WINNIPEG  
 MB  
 R3C 3Z1  
 Phone:204-945-0378 Fax:204-948-2288  
 E-mail: mit.eo.tenders@gov.mb.ca,  
 http://mit.gov.mb.ca/cts/Tenders.aspx

Company Name : Government of Manitoba High-  
 ways & Transportation Internet Addr :  
 http://mit.gov.mb.ca/cts/Tenders.aspx  
 Notes: DEWB82  
 Bonds: 10% Bid Bond.  
 Plans available from: Consultant  
 Additional features: Install two (2) steel casing cul-  
 verts by jacking and filling an existing corrugated  
 metal culvert through the railway embankment at CP  
 Mile 4.05 of Minnedosa Subdivision - Major item of  
 work includes:84.2 m of Jacking Steel Casing Cul-  
 verts ? 2134mm

Bridge Work 360125  
 Over Grassmere Creek Drain, On Summit Road  
 WINNIPEG, MB CAN  
 MB(DIVISION 11)\201600452236 v2  
 Action stage: Bidding  
 Bid date: 03/17/2016 @ 12:00 PM CDT  
 Valuation: F (500K to <750K)  
 Project delivery system: Design-Bid-Build  
 Target start date: 04/01/2016  
 Owner type: State  
 Project Overview  
 Report type: Bridge, Storm Sewer.  
 Sub project count: 0  
 First publish date: 03/02/2016  
 Prior publish date: 03/02/2016  
 Publisher: Dodge Data & Analytics  
 Type of Work: Alterations  
 Status: Bids to Owner March 17 at 12:00 PM (CDT)  
 Status project delivery  
 system: Design-Bid-Build  
 Publish date: 03/15/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Public)  
 Consultant: MERX  
 Customer Support, Consultant  
 38 Antares Drive Ottawa  
 ON K2E 7V2  
 Phone:613-727-4900 Fax:888-235-5800  
 E-mail: merx@merx.com, http://www.merx.com  
 Bidders must be registered with MERX to order doc-  
 uments and submit a bid. MERX is the sole source  
 for documents. Register at www.merx.com.  
 Engineer: Manitoba Infrastructure and Transporta-  
 tion Drew Monnier  
 215 Garry Street 16th Floor WINNIPEG  
 MB  
 R3C 3Z1  
 Phone:204-391-3109 Fax:204-948-2288  
 E-mail: mit.eo.tenders@gov.mb.ca,  
 http://mit.gov.mb.ca/cts/Tenders.aspx  
 Internet Addr : http://mit.gov.mb.ca/cts/Tenders.aspx  
 Owner (Public): Manitoba Infrastructure and Trans-  
 portation Drew Monnier  
 215 Garry Street 16th Floor WINNIPEG  
 MB  
 R3C 3Z1  
 Phone:204-391-3109 Fax:204-948-2288  
 E-mail: mit.eo.tenders@gov.mb.ca,  
 http://mit.gov.mb.ca/cts/Tenders.aspx  
 Internet Addr : http://mit.gov.mb.ca/cts/Tenders.aspx  
 Notes: DEWB84 The list of Prospective bidders is  
 not available from regular sources - if you are GC  
 bidding on this project please call -1-888-836-6623  
 Bonds: 10% Bid Bond.  
 Plans available from: Consultant  
 Additional features: Construction of a Single Span  
 Precast Concrete Box Girder Bridge over Grassmere  
 Creek Drain on Summit Road, located in Section 10-  
 12-02E, Municipality of Rosser, Bridge Site No.  
 2591-10.

ITEM: Structural Steel Plate Girders Structure Sup-  
 ply 6657  
 WINNIPEG, MB CAN  
 MB(DIVISION 11)\201600469224 v1  
 Action stage: Bidding  
 Bid date: 03/24/2016 @ 12:00 PM CDT  
 Valuation: First issue bid stage IND: Y.  
 Project delivery system: Design-Bid-Build  
 Owner type: State  
 Project Overview  
 Report type: Bridge.  
 Sub project count: 0

First publish date: 03/17/2016  
 Publisher: Dodge Data & Analytics  
 Type of Item: MATL EQUIP.  
 Item Code: Steel-Reinforcing, Steel-Struct,Fab and/or  
 Erect.  
 Item Category: MISC/ORN METAL, STRUC-  
 TURAL METAL.  
 Status: Bids to Owner March 24 at 12:00 PM (CDT)  
 Status project delivery  
 system: Design-Bid-Build  
 Publish date: 03/17/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Public)  
 Engineer: Manitoba Infrastructure and Transporta-  
 tion 215 Garry Street 16th Floor WINNIPEG  
 MB  
 R3C 3Z1  
 Phone:204-945-0378 Fax:204-948-2288  
 E-mail: mit.eo.tenders@gov.mb.ca,  
 http://mit.gov.mb.ca/cts/Tenders.aspx  
 Owner (Public): Manitoba Infrastructure and Trans-  
 portation Randy Fingas  
 215 Garry Street 16th Floor WINNIPEG  
 MB  
 R3C 3Z1  
 Phone:204-945-4356 Fax:204-948-2288  
 E-mail: mit.eo.tenders@gov.mb.ca,  
 http://mit.gov.mb.ca/cts/Tenders.aspx  
 Internet Addr : http://mit.gov.mb.ca/cts/Tenders.aspx  
 Notes: DEWB84  
 Bonds: 10% Bid Bond.  
 Plans available from: Owner (Public)

\*ITEM: Flat Roof Replacement (Apartment)  
 PR335878  
 1041 Autumnwood Dr  
 WINNIPEG, MB CAN  
 MB(DIVISION 11)\201500576471 v2  
 Action stage: Construction  
 Bid date: 07/23/2015 @ 02:00 PM CDT  
 Valuation: \$177,463  
 Project delivery system: Design-Bid-Build  
 Target start date: 08/01/2015  
 Owner type: Private  
 Project Overview  
 Report type: Apartments/Condominiums 4+ Stories.  
 Submit bids to: Owner (Public)  
 Sub project count: 0  
 First publish date: 07/13/2015  
 Prior publish date: 07/13/2015  
 Publisher: Dodge Data & Analytics  
 Type of Item: ALTERATION.  
 Item Code: Roofing-All Types.  
 Item Category: ROOFING.  
 Status: Reporting contract award - Bid July 23 2015  
 Status project delivery  
 system: Design-Bid-Build  
 Publish date: 03/17/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Private)  
 Consultant: MERX  
 Customer Support, Consultant  
 38 Antares Drive Ottawa  
 ON K2E 7V2  
 Phone:613-727-4900 Fax:888-235-5800  
 E-mail: merx@merx.com, http://www.merx.com  
 Bidders must be registered with MERX to order doc-  
 uments and submit a bid. MERX is the sole source  
 for documents. Register at www.merx.com.  
 Contractor: Norwin Roofing  
 2486 Ferrier Street Winnipeg  
 MB  
 R2V 4P6  
 Phone:204-338-9386  
 Engineer: Agassiz Consulting Group  
 Larry Rech, Owner  
 809 Pipeline Road Winnipeg  
 MB  
 R2P 2T6  
 Phone:204-697-8091 Fax:204-697-8039  
 E-mail: brech@agassizconsulting.com  
 Owner (Private): Manitoba Housing Authority  
 Buyer Procurement, Tenders  
 500 - 352 Donald Street WINNIPEG  
 MB  
 R3B 2H8  
 Phone:204-945-5088 Fax:204-948-4749  
 E-mail: MHPurchase@gov.mb.ca,

http://www.gov.mb.ca/housing/procurement  
 Internet Addr : http://www.gov.mb.ca/housing/proc-  
 urement  
 Owner's Agent (Private): Manitoba Housing Author-  
 ity  
 Nicole Doherty, Contract Admin  
 400B Logan Avenue WINNIPEG  
 MB  
 R3A 0R1  
 Phone:204-945-3190 Fax:204-948-1407  
 E-mail: nicole.doherty@gov.mb.ca,  
 http://www.gov.mb.ca/housing/procurement  
 Email ID : nicole.doherty@gov.mb.ca Internet Addr :  
 http://www.gov.mb.ca/housing/procurement  
 Notes: CRCN08  
 \*Plans available from: \*Consultant  
 Addenda receive date: UL/-2/13-J  
 Items: to replace the flat roof on a 4 storey apartment  
 building.  
 \*Park City West Cmty Centre Spray Pad  
 (Design/Build) 412015

115 Sanford Fleming Rd  
 WINNIPEG, MB R2C 5B8 CAN  
 MB(DIVISION 11)\201500468876 v5  
 Action stage: Construction  
 Bid date: 04/08/2015 @ 04:00 PM CDT  
 Valuation: \$308,076  
 Project delivery system: Design/Build  
 Target start date: 10/01/2015  
 Owner type: Local Government  
 Project Overview  
 Report type: Project  
 Sub project count: 0  
 First publish date: 03/18/2015  
 Prior publish date: 07/07/2015  
 Publisher: Dodge Data & Analytics  
 Type of Work: New Project  
 Status: Reporting Design/Build contract award - Pro-  
 posals received April 8 2015 - Awarded October 8  
 2015  
 Status project delivery  
 system: Design/Build  
 Publish date: 03/17/2016  
 Key Contacts and Bid Documents  
 Submit bids to: Owner (Public)  
 Architect: Questic Contracting Ltd  
 Derek Giesbrecht, Principal  
 Box 26 Site 415 RR 4 SHERWOOD PARK  
 AB T8A 3K4  
 Phone:780-980-8118 Fax:780-417-0599  
 E-mail: derekg@questic.ca, http://www.questic.ca/  
 Design/Builder Design/Builder  
 Consulting Architect: McGowan Russell Group  
 Ms Jackie Wilkie, Senior Landscape Arc  
 200-120 Fort Street Winnipeg  
 MB  
 R3C 1C7  
 Phone:204-956-0396 Fax:204-956-1265  
 E-mail: info@mcgowanrussell.com, http://www.mc-  
 gowanrussell.com/contactus/  
 General Contractor: Questic Contracting Ltd  
 Derek Giesbrecht, Principal  
 Box 26 Site 415 RR 4 SHERWOOD PARK  
 AB T8A 3K4  
 Phone:780-980-8118 Fax:780-417-0599  
 E-mail: derekg@questic.ca, http://www.questic.ca/  
 Design/Builder Design/Builder  
 Owner (Public): City of Winnipeg  
 Colleen Groening, Purchasing  
 185 King Street (Main Floor) WINNIPEG  
 MB  
 R3B 1J1  
 Phone:204-986-2491 Fax:204-949-1178  
 E-mail: CGroening@winnipeg.ca, http://www.win-  
 nipeg.ca  
 Notes: CRCN08  
 Plans available from: Owner (Public)  
 Addenda receive date: AR/-2/17-M  
 Additional features: Design and construction of spray  
 pads and features - concrete sidewalks - asphalt path-  
 ways - Concrete spray pad with all spray features and  
 all required mechanical and electrical works - site  
 furniture

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999;  
 G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999;  
 K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: \$25,000,000-\$49,999,999; N: \$50,000,000-No Maximum





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E-mail: mcgraw-hill@merx.com Web: www.construction.com

### Northern Canada

ITEM: Electrical Services (Cambridge Bay) (IQC)  
361339  
Cambridge Bay  
CAMBRIDGE BAY, NU CAN  
NU(NUNAVUT)201600464795 v1  
Action stage: Bidding  
Bid date: 03/22/2016 @ 04:00 PM EDT  
Valuation: B (100K to <200K)  
First issue bid stage IND: Y.  
Project delivery system: Design-Bid-Build  
Target start date: 04/01/2016  
Owner type: State  
Project Overview  
Project type: Capitol/ Courthouse/City Hall.  
Report type: ITEM Only  
Sub project count: 0  
First publish date: 03/15/2016  
Publisher: Dodge Data & Analytics  
Type of Item: ALTERATION.  
Item Code: Elec Signs-Install. Elec Work.  
Item Category: ELECTRICAL. ELECTRICAL.  
Status: Bids to Owner March 22 at 4:00 PM (EDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: Government of Nunavut  
Bonnie Osborne, Contracts Advisor  
P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg  
IQALUIT  
NU  
X0A 0H0  
Phone:867-975-5415 Fax:867-975-5450  
E-mail: bosborne@gov.nu.ca, http://www.nunavut-tenders.ca/  
Owner (Public): Government of Nunavut  
Bonnie Osborne, Contracts Advisor  
P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg  
IQALUIT  
NU  
X0A 0H0  
Phone:867-975-5415 Fax:867-975-5450  
E-mail: bosborne@gov.nu.ca, http://www.nunavut-tenders.ca/  
Notes: DEWB43  
Plans available from: Owner (Public)

As & When Carpentry and Painting, Iqaluit  
RFT209739  
Various LocatiON IQALUIT, NU CAN  
NU(NUNAVUT)201600464825 v1  
Action stage: Bidding  
Bid date: 03/22/2016 @ 04:16 PM EDT  
Valuation: B (100K to <200K)  
First issue bid stage IND: Y.  
Project delivery system: Design-Bid-Build  
Target start date: 04/01/2016  
Owner type: State  
Project Overview  
Project type: Capitol/ Courthouse/City Hall.  
Report type: ITEM Only  
Sub project count: 0  
First publish date: 03/15/2016  
Publisher: Dodge Data & Analytics  
Type of Item: ALTERATION.  
Item Code: Carpentry Work. Painting excl Stripping.  
Item Category: CARPENTRY/MILLWORK. PAINT-  
ING/WALL COVER.  
Status: Bids to Owner March 22 at 4:16 PM (EDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: Government of Nunavut  
Bonnie Osborne, Contracts Advisor  
P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg  
IQALUIT  
NU  
X0A 0H0  
Phone:867-975-5415 Fax:867-975-5450  
E-mail: bosborne@gov.nu.ca, http://www.nunavut-tenders.ca/  
Owner (Public): Government of Nunavut  
Bonnie Osborne, Contracts Advisor

P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg  
IQALUIT  
NU  
X0A 0H0  
Phone:867-975-5415 Fax:867-975-5450  
E-mail: bosborne@gov.nu.ca, http://www.nunavut-tenders.ca/  
Notes: DEWB43  
Plans available from: Owner (Public)  
Items: As & When Carpentry and Painting, Iqaluit

ITEM: Electrical Services/Repairs (Kugluktuk) (IQC)  
361351  
Various LovatiON IQALUIT, NU CAN  
NU(NUNAVUT)201600468927 v1  
Action stage: Bidding  
Bid date: 03/24/2016 @ 04:00 PM EDT  
Valuation: First issue bid stage IND: Y.  
Project delivery system: Design-Bid-Build  
Target start date: 05/01/2016  
Owner type: State  
Project Overview  
Project type: Capitol/ Courthouse/City Hall.  
Report type: ITEM Only  
Sub project count: 0  
First publish date: 03/16/2016  
Publisher: Dodge Data & Analytics  
Type of Item: ALTERATION.  
Item Code: Elec Work.  
Item Category: ELECTRICAL.  
Status: Bids to Owner March 24 at 4:00 PM (EDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/16/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: Government of Nunavut  
Bonnie Osborne, Contracts Advisor  
P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg  
IQALUIT  
NU  
X0A 0H0  
Phone:867-975-5415 Fax:867-975-5450  
E-mail: bosborne@gov.nu.ca, http://www.nunavut-tenders.ca/  
Owner (Public): Government of Nunavut  
Bonnie Osborne, Contracts Advisor  
P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg  
IQALUIT  
NU  
X0A 0H0  
Phone:867-975-5415 Fax:867-975-5450  
E-mail: bosborne@gov.nu.ca, http://www.nunavut-tenders.ca/  
Notes: DEWB43  
Plans available from: Owner (Public)  
Items: As & When Electrical Services and Repairs, Kugluktuk

ITEM: Annual Refrigeration Maintenance (IQC)  
RFT200397  
BAFFIN, NU CAN  
NU(NUNAVUT)201600468943 v1  
Action stage: Bidding  
Bid date: 03/29/2016 @ 04:00 PM EDT  
Valuation: B (100K to <200K)  
First issue bid stage IND: Y.  
Project delivery system: Design-Bid-Build  
Target start date: 05/01/2016  
Owner type: State  
Project Overview  
Project type: Capitol/ Courthouse/City Hall.  
Report type: ITEM Only  
Sub project count: 0  
First publish date: 03/16/2016  
Publisher: Dodge Data & Analytics  
Type of Item: ALTERATION.  
Item Code: Refrigerating Sys-Central.  
Item Category: REFRIGERATION.  
Status: Bids to Owner March 29 at 4:00 PM (EDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/16/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: Government of Nunavut  
Bonnie Osborne, Contracts Advisor  
P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg

IQALUIT  
NU  
X0A 0H0  
Phone:867-975-5415 Fax:867-975-5450  
E-mail: bosborne@gov.nu.ca, http://www.nunavut-tenders.ca/  
Owner (Public): Government of Nunavut  
Bonnie Osborne, Contracts Advisor  
P.O.Box 1000, Stn. 700 3rd Floor, W.G. Brown Bldg  
IQALUIT  
NU  
X0A 0H0  
Phone:867-975-5415 Fax:867-975-5450  
E-mail: bosborne@gov.nu.ca, http://www.nunavut-tenders.ca/  
Notes: DEWB43  
Plans available from: Owner (Public)  
Items: Annual PM's and As & When Maintenance, Refrigeration

ITEM: High Bay LED Lighting Fixtures (Supply)  
RFT 2016-OPS0013  
WHITEHORSE, YT CAN  
YT(YUKON)201600471707 v1  
Action stage: Bidding  
Bid date: 04/08/2016 @ 03:00 PM PDT  
Valuation: First issue bid stage IND: Y.  
Project delivery system: Design-Bid-Build  
Owner type: Local Government  
Project Overview  
Project type: Office.  
Report type: ITEM Only  
Sub project count: 0  
First publish date: 03/18/2016  
Publisher: Dodge Data & Analytics  
Type of Item: MATL EQUIP.  
Item Code: Fixtures-Lighting,Int&Ext. Lightng Fix-  
tures,Int & Ext.  
Item Category: ELECTRICAL. ELECTRICAL.  
Status: Bids to Owner April 8 at 3:00 PM (PDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/18/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: City of Whitehorse  
Reception  
2121 Second Avenue WHITEHORSE  
YT  
Y1A 1C2  
Phone:867-667-6401 Fax:867-668-8398  
http://www.city.whitehorse.yk.ca/  
Owner (Public): City of Whitehorse  
Reception  
2121 Second Avenue WHITEHORSE  
YT  
Y1A 1C2  
Phone:867-667-6401 Fax:867-668-8398  
http://www.city.whitehorse.yk.ca/  
Notes: DEWB40  
Plans available from: Owner (Public)

### ONTARIO

Foxboro Wastewater Treatment Plant Upgrades  
T2016107  
Foxboro Wastewater Treatmt Pln  
WILMOT, ON CAN  
ON(WATERLOO)201400499044 v7  
Action stage: Bid Results  
Bid date: 03/11/2016 @ 02:00 PM EST  
Valuation: H (1M to <3M)  
Project delivery system: Design-Bid-Build  
Target start date: 05/01/2016  
Owner type: Local Government  
Project Overview  
Project type: Sewage Treatment Plant.  
Report type: Project  
Sub project count: 0  
First publish date: 04/18/2014  
Prior publish date: 03/09/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: Bids in and under review - Contract award anticipated within 30-60 days - Bids March 11  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016

Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Architect: Regional Municipality of Waterloo Engineering Dept  
L. Evans, Mang, Proc, CPO  
150 Frederick Street KITCHENER  
ON N2G 4J3  
Phone:519-575-4402 Fax:519-575-4430  
http://www.region.waterloo.on.ca  
Internet Addr : http://www.region.waterloo.on.ca  
Engineer: Stantec Consulting Ltd.  
K.T.M.Maeda  
400-1505 Laperriere Ave Ottawa  
ON K1Z 7T1  
Phone:613-724-4386 Fax:613-722-2799  
Owner (Public): Regional Municipality of Waterloo Engineering Dept  
L. Evans, Mang, Proc, CPO  
150 Frederick Street KITCHENER  
ON N2G 4J3  
Phone:519-575-4402 Fax:519-575-4430  
http://www.region.waterloo.on.ca  
Internet Addr : http://www.region.waterloo.on.ca  
Notes: DEWB82 Pre Bid Meeting February 24 at 10:30 AM (EST) at Foxboro WWTP, RBC@1 & RBC#2 - 87 Foxboro Drive, Baden - ON. - The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623 -  
Plans available from: Owner (Public)  
Addenda film date: 03/05/2016  
Addenda receive date: AR/-2/05-M  
Additional features: Foxboro Wastewater Treatment Plant Upgrades -T o upgrade / refurbish the Foxboro WWTP based on condition assessments completed on the facility, incorporate the plant into the Region's overall SCADA network and provide a well functioning plant that meets its performance requirements.

ITEM: Asphalt Materials Supply/Delivery RFPQ10316  
BURLINGTON, ON CAN  
ON(HALTON)201600466049 v1  
Action stage: Bidding  
Bid date: 03/29/2016 @ 02:00 PM EDT  
Valuation: First issue bid stage IND: Y.  
Project delivery system: Design-Bid-Build  
Owner type: Local Government  
Project Overview  
Project type: Paving.  
Report type: ITEM Only  
Sub project count: 0  
First publish date: 03/15/2016  
Publisher: Dodge Data & Analytics  
Type of Item: MATL EQUIP.  
Item Code: Asphalt.  
Item Category: HIGHWAY SUPPLIES.  
Status: Bids to Owner March 29 at 2:00 PM (EDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: City of Burlington 426 Brant St  
BURLINGTON ON L7R 3Z6  
Phone:905-335-7600 Fax:905-335-7663  
E-mail: city@burlington.ca, http://www.burlington.ca  
Owner (Public): City of Burlington 426 Brant St  
BURLINGTON ON L7R 3Z6  
Phone:905-335-7600 Fax:905-335-7663  
E-mail: city@burlington.ca, http://www.burlington.ca  
Notes: DEWB84  
Plans available from: Owner (Public)

Trent Street - Keith Street - Byron Street Reconstruction T12016  
Trent Street - Keith Street -, Byron Street  
WHITBY, ON CAN  
ON(DURHAM)201600449961 v2  
Action stage: Bidding  
Bid date: 03/17/2016 @ 02:00 PM EDT  
Valuation: F (500K to <750K)  
Project delivery system: Design-Bid-Build  
Target start date: 05/01/2016  
Owner type: Local Government  
Project Overview  
Project type: Paving.  
Report type: Project  
Sub project count: 0

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: \$25,000,000-\$49,999,999; N: \$50,000,000-No Maximum



## Dodge upcoming project reports

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**Dodge Analytics 613-727-4900 ext 4902 or 4953.**  
E-mail: mcgraw-hill@merx.com Web: www.construction.com

First publish date: 03/01/2016  
Prior publish date: 03/01/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: Bids to Owner March 17 at 2:00 PM (EDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: Town of Whitby  
Kellie Dickson, Senior Buyer  
575 Rossland Road East WHITBY ON L1N 2M8  
Phone:905-430-4300 Ext:2235 Fax:905-686-7005  
E-mail: dicksonk@whitby.ca, http://www.whitby.ca  
Email ID : dicksonk@whitby.ca  
Owner (Public): Town of Whitby  
Purchasing, Corporate Services  
575 Rossland Road East WHITBY ON L1N 2M8  
Phone:905-668-5803 Ext:2236 Fax:905-686-7005  
E-mail: clerks@whitby.ca, http://www.whitby.ca  
Notes: DEWB82  
Plans available from: Owner (Public)  
Additional features: Reconstruction of Byron Street, Trent Street and Keith Street

Asphalt Paving 16-34  
Various Streets  
BRANTFORD, ON CAN  
ON(DURHAM)201600457888 v2  
Action stage: Bidding  
Bid date: 03/17/2016 @ 03:00 PM EDT  
Valuation: F (500K to <750K)  
Project delivery system: Design-Bid-Build  
Target start date: 05/01/2016  
Owner type: Local Government  
Project Overview  
Project type: Paving.  
Report type: Project  
Sub project count: 0  
First publish date: 03/07/2016  
Prior publish date: 03/07/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: Bids to Owner March 17 at 3:00 PM (EDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: City of Brantford  
Eva Cislo, Buyer  
100 Wellington Square BRANTFORD ON N3T 5R7  
Phone:519-759-4150 Fax:519-752-6977  
E-mail: evacislo@brantford.ca, http://www.city.brantford.on.ca  
Email ID : evacislo@brantford.ca Internet Addr : http://www.city.brantford.on.ca  
Owner (Public): City of Brantford  
Eva Cislo, Buyer  
100 Wellington Square BRANTFORD ON N3T 5R7  
Phone:519-759-4150 Fax:519-752-6977  
E-mail: evacislo@brantford.ca, http://www.city.brantford.on.ca  
Email ID : evacislo@brantford.ca Internet Addr : http://www.city.brantford.on.ca  
Notes: DEWB43  
Plans available from: Owner (Public)  
Additional features: This Request for Tenders (?RFT?) is an invitation by the City of Brantford (the ?City?)to submit bids for the provision of asphalt paving on various streets,  
ITEM: 2016 Wheel Drive - Rubber Tired

Loader(Supply/Deliver) RFP-EOS-2016-13 (P11)  
BELLEVILLE, ON CAN  
ON(HASTINGS)201600466564 v1  
Action stage: Bidding  
Bid date: 03/30/2016 @ 01:00 PM EDT  
Valuation: First issue bid stage IND: Y.  
Project delivery system: Design-Bid-Build  
Owner type: Local Government  
Project Overview  
Project type: Site Development.  
Report type: ITEM Only  
Sub project count: 0  
First publish date: 03/15/2016  
Publisher: Dodge Data & Analytics  
Type of Item: MATL EQUIP.  
Item Code: Loaders-Utility.  
Item Category: CONTRACTORS EQUIP.  
Status: Bids to Owner March 30 at 1:00 PM (EDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: City of Belleville Purchasing Dept  
Yasmina Jamal, Purchasing, Supervisor  
City Hall 169 Front Street BELLEVILLE ON K8N 2Y8  
Phone:613-967-3200 Ext:3301 Fax:613-967-3206  
E-mail: yjamaal@city.belleville.on.ca, http://www.city.belleville.on.ca  
Owner (Public): City of Belleville Purchasing Dept  
Yasmina Jamal, Purchasing, Supervisor  
City Hall 169 Front Street BELLEVILLE ON K8N 2Y8  
Phone:613-967-3200 Ext:3301 Fax:613-967-3206  
E-mail: yjamaal@city.belleville.on.ca, http://www.city.belleville.on.ca  
Notes: DEWB40  
Plans available from: Owner (Public)

## QUEBEC

College - Cegep de Saint Jerome  
455 rue Fournier  
SAINT JEROME, QC J7Z 4V2 CAN  
QC(LA RIVIERE-DU-NORD)201300530834 v2  
Action stage: Start  
Bid date: Valuation: \$11,783,733  
Project delivery system: Design-Bid-Build  
Target start date: 06/01/2015  
Target complete date: 09/01/2016  
Owner type: State  
Project Overview  
Project type: College/University.  
Report type: Project  
Sub project count: 0  
First publish date: 05/22/2013  
Prior publish date: 05/22/2013  
Publisher: Dodge Data & Analytics  
Type of Work: Additions  
Status: Construction underway - Construction started June 2015 - Target completion September 2016  
Status project delivery system: Design-Bid-Build  
Publish date: 03/18/2016  
Key Contacts and Bid Documents  
Architect: Regis Cote et Associes  
Reception  
682 rue William Montreal QC H3C 1N9  
Phone:514-871-8595 Fax:514-871-2279  
E-mail: info@rcaa.ca, http://www.regiscote.com/  
Civil Engineer: Pasquin, St-Jean & Associes inc.  
41 rue Saint-Jacques 3e etage Montreal QC H2Y 1K9  
Phone:514-282-8100 Fax:514-282-0100  
http://www.psa.ca/fr  
Electrical Engineer: Bouthillette Parizeau & Ass inc.

Reception  
9825 rue Verville Montreal QC H3L 3E1  
Phone:514-383-3747 Fax:514-383-8760  
E-mail: info@bpa.ca, http://www.bpa.ca  
General Contractor: L'Archeveque & Rivest Ltee  
96 boul. Industriel suite 150 Repentigny QC J6A 4X6  
Phone:450-581-4480 Fax:450-581-1134  
E-mail: sylvain.rivest@larchevequeetrivest.com, http://larchevequeetrivest.com/  
Mechanical Engineer: Bouthillette Parizeau & Ass inc.  
Reception  
9825 rue Verville Montreal QC H3L 3E1  
Phone:514-383-3747 Fax:514-383-8760  
E-mail: info@bpa.ca, http://www.bpa.ca  
Owner (Public): Cegep de St Jerome  
Carole Bradley, AdministratiON 455 rue Fournier St Jerome QC J7Z 4V2  
Phone:450-436-1580 Fax:450-436-7348  
E-mail: cbradley@csj.qc.ca, http://www.cegep-st-jerome.qc.ca/  
Email ID : cbradley@csj.qc.ca Internet Addr : http://www.cegep-st-jerome.qc.ca/  
Structural Engineer: Pasquin, St-Jean & Associes inc.  
41 rue Saint-Jacques 3e etage Montreal QC H2Y 1K9  
Phone:514-282-8100 Fax:514-282-0100  
http://www.psa.ca/fr  
Notes: CRCN01  
Structural Details  
\*Structural information: 1 Building/ \*4 Stories above grade / \*0 Story below grade / \*4,100 Total square meter  
Additional features: addition to Cegep - Pavillon des Etudes - concrete foundation - mechanical - electrical - HVAC - Plumbing

Lawn - Landscaping Maintenance (IQC) 362813  
308A, chemin du Fleuve  
COTEAU-DU-LAC, QC CAN  
QC(VAUDREUIL-SOULANGES)201600480907 v1  
Action stage: Bidding  
Bid date: 05/04/2016 @ 02:00 PM ADT  
Valuation: F (500K to <750K)  
First issue bid stage IND: Y.  
Project delivery system: Design-Bid-Build  
Owner type: Federal  
Project Overview  
Project type: Landscaping.  
Report type: Project  
Sub project count: 0  
First publish date: 03/25/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: Bids to Owner May 4 at 2:00 PM (ADT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/25/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: Parks Canada Agency  
Marilyn Bernier, Contract Authority  
3 Passage du Chien-d'Or Box 6060-Haute Ville Quebec QC G1R 4V7  
Phone:418-648-4569 Fax:418-648-5392  
E-mail: marilyn.bernier@pc.gc.ca Email ID : marilyn.bernier@pc.gc.ca  
Owner (Public): Parks Canada Agency  
Marilyn Bernier, Contract Authority  
3 Passage du Chien-d'Or Box 6060-Haute Ville Quebec QC G1R 4V7  
Phone:418-648-4569 Fax:418-648-5392  
E-mail: marilyn.bernier@pc.gc.ca Email ID : marilyn.bernier@pc.gc.ca  
Notes: DEWB82 Optional Site Visit April 14 at 10:00 (EDT) at 308A, chemin du Fleuve, Coteau-du-Lac, Quebec JOP 1B0  
Plans available from: Owner (Public)  
Additional features: Spring clean-up;b) Debris and litter pick-up (grounds and waste containers);c) Grass cutting (44,000 square meters);d) Edge trimming;e) Trail and surfaced area maintenance;f) Historic re-mains maintenance;g) Tree and shrub trimming;h)

Tree, shrub and ground shrub maintenance;i) Leaf waste collection (fall);j) Bench and waste container cleaning;k) Fallow land mowing  
Cap-de-Bon-Desir Upgrading Facilities 5P300-16-5015  
\*13 Chemin du Cap de Bon Desir  
GRANDES-BERGERONNES, QC \* G0T 1G0 CAN  
QC(ABITIBI-OUEST)201600479376 v2  
Action stage: GC Bidding  
Bid date: 04/11/2016 @ 02:00 PM EDT  
Valuation: J (5M to <10M)  
Project delivery system: Design-Bid-Build  
Target start date: 05/01/2016  
Owner type: Federal  
Project Overview  
Project type: Communication Building.  
Report type: Project  
Sub project count: 0  
First publish date: 03/24/2016  
Prior publish date: 03/24/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: GC Bids to Owner by April 11 at 2:00 PM (EDT)  
Status project delivery system: Design-Bid-Build  
Publish date: 03/28/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Architect: Lafond et Cote Architectes  
35 rue Cote du Palais Quebec QC G1R 4H9  
Phone:418-694-9393 Fax:418-694-1213  
http://www.lafondcote.com  
Owner (Public): Parks Canada Agency  
Sophie St-Germain, Contract Authority  
3 Passage du Chien-d'Or Box 6060-Haute Ville Quebec QC G1R 4V7  
Phone:418-694-9393 Fax:418-694-1213  
E-mail: sophie.st-germain@pc.gc.ca  
Notes: CRCN03 - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network  
Plans available from: Owner (Public)  
Additional features: Transportation and the relocation of two gatehouses, as well as their installation - Excavation and preparation of granular foundations under the concrete slabs and curbs and areas to be repaved - The construction of concrete slabs/sidewalks and concrete curbs - Application of an asphalt overlay and pavement markings - Installation of bollards and planting shrubs and plants - Electrical work - Renovation of a gatehouse - Renovation of a service building and replacement/addition of miscellaneous equipment - Insulation work of a crawl space within a service building  
Police Station  
\*824, rue Brien  
MASCOCHE, QC \* J7K 2X3 CAN  
QC(LES MOULINS)201300443525 v3  
Action stage: Start  
Bid date: NDS  
Valuation: H (1M to <3M)  
Project delivery system: Design-Bid-Build  
Target start date: 04/01/2016  
Owner type: Local Government  
Project Overview  
Project type: Fire/Police Station.  
Report type: Project  
Sub project count: 0  
First publish date: 02/21/2013  
Prior publish date: 02/11/2014  
Publisher: Dodge Data & Analytics  
Type of Work: New Project  
Status: GC selected - Construction to start in April 2016 and end in 2017  
Status project delivery system: Design-Bid-Build  
Publish date: 03/28/2016  
Key Contacts and Bid Documents  
Architect: Ville de Mascouche  
Claude Perrotte, Deirecteur General  
3034 chemin Ste Marie Mascouche QC J7K 1P1  
Phone:450-474-4133 Fax:450-474-6401

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: \$25,000,000-\$49,999,999; N: \$50,000,000-No Maximum





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E-mail: mcgraw-hill@merx.com Web: www.construction.com

E-mail: mmuzarelli.mascouche@videotron.ca,  
http://www.ville.mascouche.qc.ca/  
Internet Addr : http://www.ville.mascouche.qc.ca/  
General Contractor: Groupe Geysier  
205 Blvd. Cure Labelle Laval  
QC H7L 2Z9  
Phone:450-625-2003 Fax:450-625-2883  
E-mail: info@groupegeysier.com,  
http://www.groupegeysier.com  
Email ID : info@groupegeysier.com  
Owner (Public): Ville de Mascouche  
Claude Perrotte, Directeur General  
3034 chemin Ste Marie Mascouche  
QC J7K 1P1  
Phone:450-474-4133 Fax:450-474-6401  
E-mail: mmuzarelli.mascouche@videotron.ca,  
http://www.ville.mascouche.qc.ca/  
Internet Addr : http://www.ville.mascouche.qc.ca/  
Notes: CRCN03  
Additional features: new police station

Armoury St-Hubert Garrison 357713  
4820 Leckie  
ST-HUBERT, QC J3Z 1H6 CAN  
QC(CHAMPLAIN)201600428335 v3  
Action stage: Bid Results  
Bid date: 03/22/2016 @ 02:00 PM EST  
Valuation: \$24,400,000  
Project delivery system: Design-Bid-Build  
Target start date: 05/01/2016  
Owner type: Military  
Project Overview  
Project type: Military Facility.  
Report type: Project  
Sub project count: 0  
First publish date: 02/08/2016  
Prior publish date: 02/18/2016  
Publisher: Dodge Data & Analytics  
Type of Work: New Project  
Status: Bids is and under review - Contract award anticipated within 30-60 days ? Bids March 22  
Status project delivery  
system: Design-Bid-Build  
Publish date: 03/29/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Architect: Birtz Bastien Architectes  
Philippe Bastien, Architect  
1011 rue Saint Louis Terrebonne  
QC J6W 1K1  
Phone:450-471-4765 Fax:450-471-1179  
Civil Engineer: Dessau  
Claude Lavoie  
375 boul Roland Therrien bureau 400 Longueuil  
QC J4H 4A6  
Phone:514-281-1010  
E-mail: longueuil@dessauprin.com,  
http://www.dessauprin.com/eng/main/main.cfm  
Internet Addr :  
http://www.dessauprin.com/eng/main/main.cfm  
Consultant: MERX  
Customer Support, Consultant  
38 Antares Drive Ottawa  
ON K2E 7V2  
Phone:613-727-4900 Fax:888-235-5800  
E-mail: merx@merx.com, http://www.merx.com  
Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.  
Electrical Engineer: Dessau  
Richard Noiseux, Ingenieur  
375 boul Roland Therrien bureau 400 Longueuil  
QC J4H 4A6  
Phone:514-281-1010  
E-mail: longueuil@dessauprin.com,  
http://www.dessauprin.com/eng/main/main.cfm  
Mechanical Engineer: Dessau  
Sebastien Maynard  
375 boul Roland Therrien bureau 400 Longueuil  
QC J4H 4A6  
Phone:514-281-1010  
E-mail: longueuil@dessauprin.com,  
http://www.dessauprin.com/eng/main/main.cfm  
Internet Addr :  
http://www.dessauprin.com/eng/main/main.cfm  
Owner (Public): Defense Construction Canada  
Michele Hivon, AdministratiON Garnison St-Jean-  
Bldg H-102 Building L-42-Room 202 Richelain  
QC H1N 3R9

Phone:514-252-2777 Fax:514-252-2826  
E-mail: Michele.Hivon@dcc-cdc.gc.ca Email ID :  
Michel Hivon@dcc-cdc.gc.ca  
Structural Engineer: Dessau  
Ines Sijercic  
375 boul Roland Therrien bureau 400 Longueuil  
QC J4H 4A6  
Phone:514-281-1010  
E-mail: longueuil@dessauprin.com,  
http://www.dessauprin.com/eng/main/main.cfm  
Internet Addr :  
http://www.dessauprin.com/eng/main/main.cfm  
Notes: DEWB43 Site Visit February 25 at 10:00 AM  
(EST) at 4820 Leckie - M-02 - St-Hubert Garrison -  
St-Hubert (Quebec) - DEFENCE CONSTRUCTION  
CANADA (DCC) ? #HQ084805 - The Plans and  
Specifications (P&S) for this opportunity may be ordered from MERX by logging on their website:  
www.merx.com or by calling 1 (800) 964-MERX  
(6379) - Please note that the tender results for this project are available from the DCC Site at telephone:  
(514) 283-6616 -  
Plans available from: Consultant  
Additional features: The work includes, but is not necessarily limited to, the supply of labour, material, supervision and equipment necessary to construct a new armoury to modify - reconfigure and renovate two existing buildings and to demolish one building.

## SASKATCHEWAN

Highway No 10 Roadwork - Culvert Installation  
HWYH15148  
Various LocationNS REGINA, SK CAN  
SK(DIVISION 06)201600453282 v2  
Action stage: Bidding  
Bid date: 03/16/2016 @ 02:00 PM CDT  
Valuation: F (500K to <750K)  
Project delivery system: Design-Bid-Build  
Target start date: 04/01/2016  
Owner type: Local Government  
Project Overview  
Project type: Paving, Storm Sewer.  
Report type: Project  
Sub project count: 0  
First publish date: 03/03/2016  
Prior publish date: 03/03/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: Bids to Owner March 16 at 2:00 PM (CDT)  
Status project delivery  
system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: Ministry of Highways & Infrastructure  
Mr. Marc Herchak, Project Manager  
3603 Millar Avenue , # 18 SASKATOON SK S7P 0B2  
Phone:306-964-1782 Fax:306-933-5188  
http://www.highways.gov.sk.ca/  
Internet Addr : http://www.highways.gov.sk.ca/  
Owner (Public): Ministry of Highways and Infrastructure  
Laura Ticas  
600 ? 1855 Victoria Ave REGINA  
SK S4P 3T2  
Phone:306-787-4811 Fax:306-787-3963  
E-mail: Viranga.Tennakoon@gov.sk.ca  
Notes: DEWB82  
Bonds: 5% Bid Bond.  
Plans available from: Owner (Public)  
Additional features: SUPPLY AND INSTALL 6  
CULVERTS BY TUNNELING OR BORING and  
DECOMMISSIONING 8 CULVERTS at various locations along Highway No. 10 between Melville and  
Balcarres  
Harris Rebar Access Road COS160005  
SASKATOON, SK CAN  
SK(DIVISION 11)201600466313 v1  
Action stage: Bidding  
Bid date: 03/17/2016 @ 02:00 PM CDT  
Valuation: A (0 to <100K)  
First issue bid stage IND: Y.  
Project delivery system: Design-Bid-Build  
Target start date: 04/01/2016  
Owner type: Local Government  
Project Overview

Project type: Paving, Storm Sewer.  
Report type: Project  
Sub project count: 0  
First publish date: 03/15/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: Bids to Owner March 17 at 2:00 PM (CDT)  
Status project delivery  
system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: City of SaskatoON Purchasing, Tenders  
222 Cardinal Crescent SASKATOON SK S7L 6H8  
Phone:306-975-2600  
http://www.saskatoon.ca  
Owner (Public): City of SaskatoON Purchasing,  
Tenders  
222 Cardinal Crescent SASKATOON SK S7L 6H8  
Phone:306-975-2600  
http://www.saskatoon.ca  
Notes: DEWB84  
Bonds: 10% Bid Bond, 50% Performance Bond.  
Plans available from: Owner (Public)  
Additional features: Approximately 200m of gravel road construction with ditches, drainage swale and culvert installation

ITEM: Condenser Stand Install (Gallagher Centre)  
455 Broadway St West  
YORKTON, SK S3N 2W3 CAN  
SK(DIVISION 09)201600463013 v3  
Action stage: Bidding  
Bid date: 03/18/2016 @ 02:00 PM CST  
Valuation: B (100K to <200K)  
Project delivery system: Design-Bid-Build  
Owner type: Local Government  
Project Overview  
Project type: Miscellaneous Recreational.  
Report type: ITEM Only  
Sub project count: 0  
First publish date: 03/11/2016  
Prior publish date: 03/14/2016  
Publisher: Dodge Data & Analytics  
Type of Item: ALTERATION.  
Item Code: Elec Work.  
Item Category: ELECTRICAL.  
Status: Bids to Owner by March 18 at 2:00 PM (CST)  
Status project delivery  
system: Design-Bid-Build  
Publish date: 03/15/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: City of YorktON Dept of Community Development, Parks & Recreation 455 Broadway Street West, Box 400 Yorkton SK S3N 2W3  
Phone:306-786-1700 Fax:306-786-6880  
E-mail: cdpr@yorkton.ca, http://www.yorkton.ca/  
Internet Addr : http://www.yorkton.ca/  
Owner (Public): City of YorktON Paul Keys, CDPR/Gallagher Ctr, General Manager  
Box 400 (Gallagher Centre) YORKTON SK S3N 2W3  
Phone:306-786-1742 Fax:306-786-6880  
E-mail: pkeys@yorkton.ca, http://www.yorkton.ca/  
Email ID : cdpr@yorkton.ca Internet Addr :  
http://www.yorkton.ca/  
Notes: CRCN03 - Source requests all bid documents be obtained through their channels only - Documents for this project will not appear in the Dodge Global Network  
\*Plans available from: \*Engineer  
Items: Design, supply and install a new condenser stand for the Farrell Agencies Arena

ITEM: Steel Sheet Piles Supply/Delivery  
RM1592016RFQ06  
REGINA, SK CAN  
SK(DIVISION 06)201600467782 v1  
Action stage: Bidding  
Bid date: 03/22/2016 @ 12:00 PM CST  
Valuation: First issue bid stage IND: Y.  
Project delivery system: Design-Bid-Build  
Owner type: State  
Project Overview  
Project type: Bridge.  
Report type: ITEM Only  
Sub project count: 0  
First publish date: 03/16/2016

Publisher: Dodge Data & Analytics  
Type of Item: MATL EQUIP.  
Item Code: Steel-Reinforcing, Steel-Struct,Fab and/or Erect.  
Item Category: MISC/ORN METAL. STRUC-TURAL METAL.  
Status: Bids to Owner March 22 at 12:00 PM (CST)  
Status project delivery  
system: Design-Bid-Build  
Publish date: 03/16/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Engineer: R.M. of Sherwood No. 159  
Debbie Kusler, Administrator  
1840 Cornwall Regina  
SK S4P 2K2  
Phone:306-525-5237  
Owner (Public): R.M. of Sherwood No. 159  
Debbie Kusler, Administrator  
1840 Cornwall Regina  
SK S4P 2K2  
Phone:306-525-5237  
Notes: DEWB84  
Plans available from: Owner (Public)

2016 Sanitary Trunk Sewer Lining (Rebid of Feb 25)  
358827  
MOOSE JAW, SK CAN  
SK(DIVISION 07)201600438465 v5  
Action stage: Bid Results  
Bid date: 03/08/2016 @ 02:00 PM CST  
Valuation: F (500K to <750K)  
Project delivery system: Design-Bid-Build  
Target start date: 03/01/2015  
Owner type: Local Government  
Project Overview  
Project type: Sanitary Sewer.  
Report type: Project  
Sub project count: 0  
First publish date: 02/18/2016  
Prior publish date: 03/04/2016  
Publisher: Dodge Data & Analytics  
Type of Work: Alterations  
Status: Bids is and under review - Contract award anticipated within 30-60 days ? Bids March 8 - Rebid of February 25  
Status project delivery  
system: Design-Bid-Build  
Publish date: 03/16/2016  
Key Contacts and Bid Documents  
Submit bids to: Owner (Public)  
Consultant: MERX  
Customer Support, Consultant  
38 Antares Drive Ottawa  
ON K2E 7V2  
Phone:613-727-4900 Fax:888-235-5800  
E-mail: merx@merx.com, http://www.merx.com  
Bidders must be registered with MERX to order documents and submit a bid. MERX is the sole source for documents. Register at www.merx.com.  
Engineer: City of Moose Jaw  
Engineering Department, Engineering Dept.  
228 Main Street North, 3rd Fl. MOOSE JAW  
SK S6H 3J8  
Phone:306-694-4448 Fax:306-691-0292  
http://www.moosjaw.ca/  
Owner (Public): City of Moose Jaw  
Engineering Department, Engineering Dept.  
228 Main Street North, 3rd Fl. MOOSE JAW  
SK S6H 3J8  
Phone:306-694-4448 Fax:306-691-0292  
http://www.moosjaw.ca/  
Notes: DEWB43 The list of Prospective bidders is not available from regular sources - if you are GC bidding on this project please call -1-888-836-6623  
Plans available from: Consultant  
Additional features: restore a segment of their sanitary trunk sewer that extends through Happy Valley Park- The successful contractor will be required to clean and install a Cured-in-Place resin-impregnated liner that is continuous and bonded to the host pipe- The total length to be lined is approximately 429 metres of 600 mm concrete and 93 meters of clay tile sanitary sewer trunk

Estimate codes: B: \$100,000-\$199,999; C: \$200,000-\$299,999; D: \$300,000-\$399,999; E: \$400,000-\$499,999; F: \$500,000-\$749,999; G: \$750,000-\$999,999; H: \$1,000,000-\$2,999,999; I: \$3,000,000-\$4,999,999; J: \$5,000,000-\$9,999,999; K: \$10,000,000-\$14,999,999; L: \$15,000,000-\$24,999,999; M: \$25,000,000-\$49,999,999; N: \$50,000,000-No Maximum



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