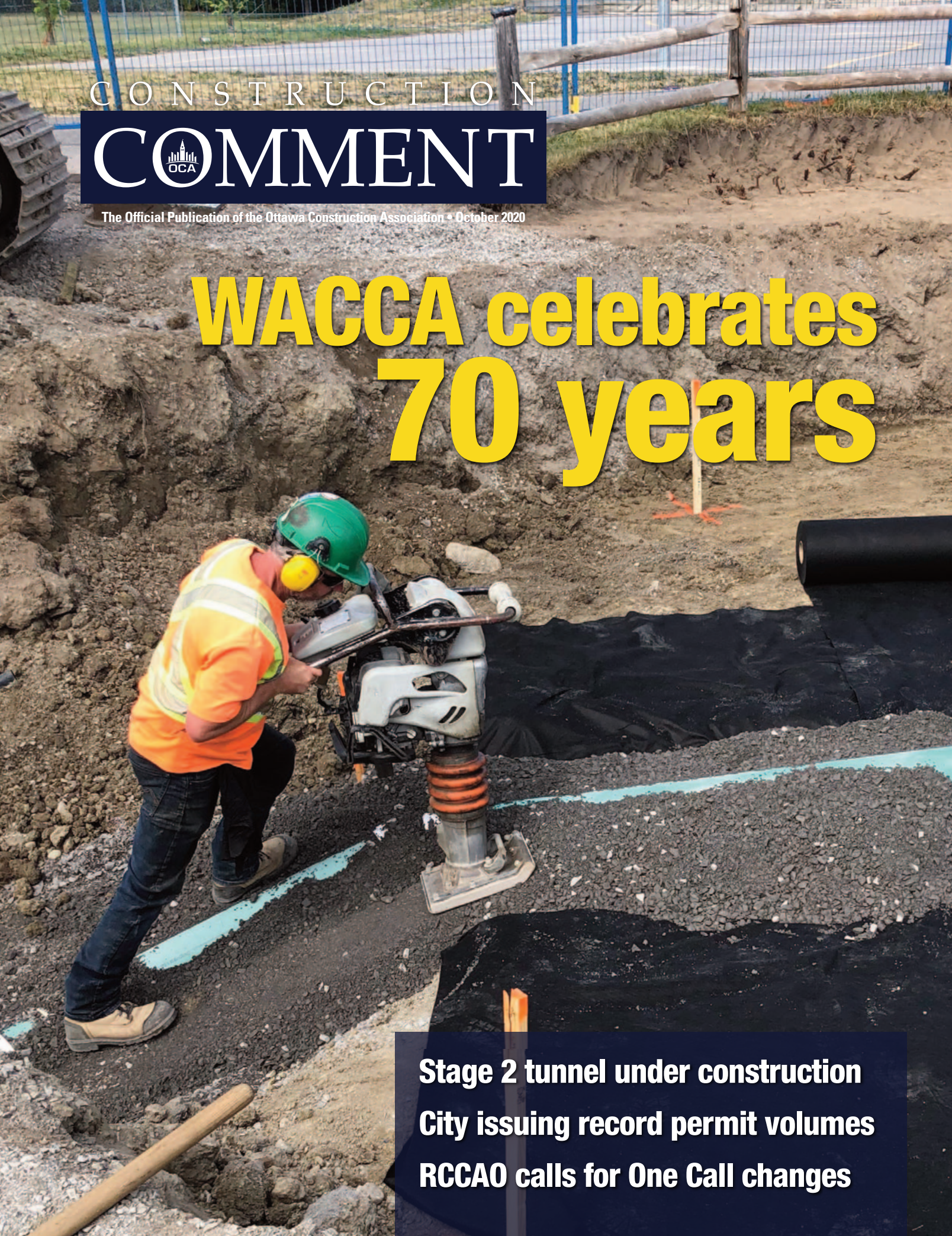


# CONSTRUCTION COMMENT

The Official Publication of the Ottawa Construction Association • October 2020

## WACCA celebrates 70 years



**Stage 2 tunnel under construction  
City issuing record permit volumes  
RCCAO calls for One Call changes**



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The Official Publication of the  
Ottawa Construction Association  
**OCTOBER 2020**



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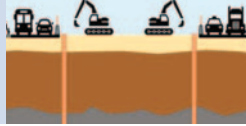
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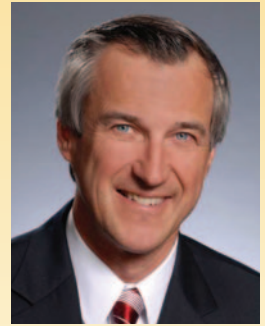


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**John DeVries**  
OCA President

# Prequalification

This past month the new Stittsville High School—estimated at between \$30 and \$40 million—went out to tender by the Ottawa Carleton District School Board (OCDSB).

When I saw the project listed in the OCA electronic plansroom, the fact that there were three prequalified general contractors caught my eye: Hein Construction, Pomerleau Construction and Tambro Construction from Guelph.

I have been accustomed to seeing several GCs on a prequalification list for a high-school build given the numerous Ottawa based GCs that have built for the several school boards locally as well as for Carleton University, the University of Ottawa, Algonquin College and la Cité Collegiale.

I wondered if I would receive a complaint from a disgruntled member GC about not making the prequalification. I took it upon myself to review the original invitation for GC prequalification. It said scoring was allocated on the following basis:

- financial - 10 points
- staff qualifications - 40 points
- experience/past performance - 50 points.

Looking at the experience/past performance, I read that each GC had to list similar projects of at least \$25 million completed in the past seven years. I noted that there was flexibility in what projects would be accepted and that “examples of work performed for school boards, educational institutions or hospitals are preferred although not essential.” All good.

I thought it was smart of the buyer to put in an additional requirement that GCs were not allowed to submit a project if completed by another branch of the GC if that branch would not be responsible for the Stittsville HS project.

Turning to the points allocated to key site personnel, I noted that each GC had to provide information on three

key site personnel: the principal in charge, the project manager and the site superintendent.

In addition to the primary person for the three positions, each GC also had to provide a second and third alternate to each—for a total of nine personnel. A resumé no longer than 2 pages was to be submitted with instructions that the GCs should include examples of recently completed similar-scope projects. Any GC submitting fewer than nine personnel would incur scoring deductions.

It struck me that the personnel requirements were pretty demanding, and maybe this was the key variable that impacted that only three GCs passed the minimum bar.

Turning to the financial criteria, the GCs had to provide a letter of reference from their bank that indicated their ability to finance a \$40-million project and secondly and which proved capacity to provide a 50 percent performance and 50 percent labour and material bond for projects up to \$40 million.

I didn't think this was unreasonable, and knew that in Ottawa there were many GCs that could satisfy the financial criteria.

I don't wish to infer anything is offside with this prequalification. Rather, I note that prequalification is an accepted process now. It has its hiccups at times, and buyer attention to the prequalification detail is all important. This wasn't a concern a generation ago when public procurement was basically open to all, and the lowest bidder with a performance bond got the job.

No doubt there are a few GCs in town who harken for the old days, but I suspect the majority support prequalification.

I look forward to seeing the bid results and expect that there will be a number of 'Monday morning' armchair analysts debating whether the prequalification decisions on this project for both general and trade contractors provided the best value to the school board.





**Bruce Thomas,**  
**Director, General**  
**Contractors Section**

# CCDC 5A or 5B –which and why?

On October 26, the OCA will host a webinar on the two forms of construction management contracts, CCDC 5A and 5B. The intent of the session is to discuss the provisions of each contract and the philosophy behind an owner's choice of one versus the other. I will participate on the panel alongside a group of industry professionals representing owners, consultants and contractors.

CCDC 5A (“as agent”) is a form under which the construction manager (CM) provides services to the owner, and the owner contracts directly with the trades and suppliers. The contract allows for a division of responsibility for the performance of the services between the CM and the owner during the three phases of a project: pre-construction, construction and post-construction. It allows for fees to be paid as a fixed amount, a percentage amount, or on an hourly rate basis, and for the reimbursement of defined expenses with a prescribed mark-up. The insurance obligations of the owner (builder's risk and wrap-up) and the CM (general liability, auto) are clearly defined. Indemnification and waiver of claims provide for a reasonable allocation of risks between the parties.

CCDC 5B (“at risk”) is a hybrid of 5A and the provisions of both fixed price (CCDC2-2008) and cost plus (CCDC3-2016) contracts. It allows for CM fees (as outlined for 5A) to be charged on both services and on the cost of work. Article A-7 lists the items that are considered cost of work. This includes contracts issued by the CM directly to the trades and suppliers. Insurance and indemnity provisions are similar to 5A.

5B is commonly known as CM at Risk. The CM is taking on the responsibility of contracting directly with the trades and suppliers which comes with the risks associated with performance and payment. In reality, there

is less risk being shouldered by the CM than is perceived in the industry. The CM utilizes CCA-1 as the trade agreement and it typically has supplementary conditions that “drop down” the conditions they are subject to in 5B with the owner. In the event of a trade default, the CM's responsibility is to mitigate the impact of the default by replacing the trade promptly and with as little impact as possible. The CM's risk is the level of effort to accomplish this. The owner is responsible for the financial impact of replacing the trade under article A7.1.9.

The real “at risk” elements of 5B for the CM are in the supplementary conditions issued by the owner. Very often we see a deliberate attempt by the owner through the use of the supplementary conditions to secure the cost certainty and risk transfer of a general contracting relationship with the all of the benefits of construction management (design assist, open book procurement and costing, trade relationships, and team environment). This may include financial responsibility for budgets and schedules, and one-way, onerous indemnity provisions. The CM is compensated via a fee structure that is typically without a contingency allowance for risk.

Construction management services, executed properly, taking advantage of the CM's skill and experience, in an open book approach is a highly effective way to deliver projects. It requires a high level of trust between the owner and the CM. The real risk for the CM should be in not getting the next job with the owner.

We hope that the session on October 26 will inform and engage our industry to discuss the value of the construction management approach and to educate on what is important for both the owner and the CM in the agreements that they negotiate.

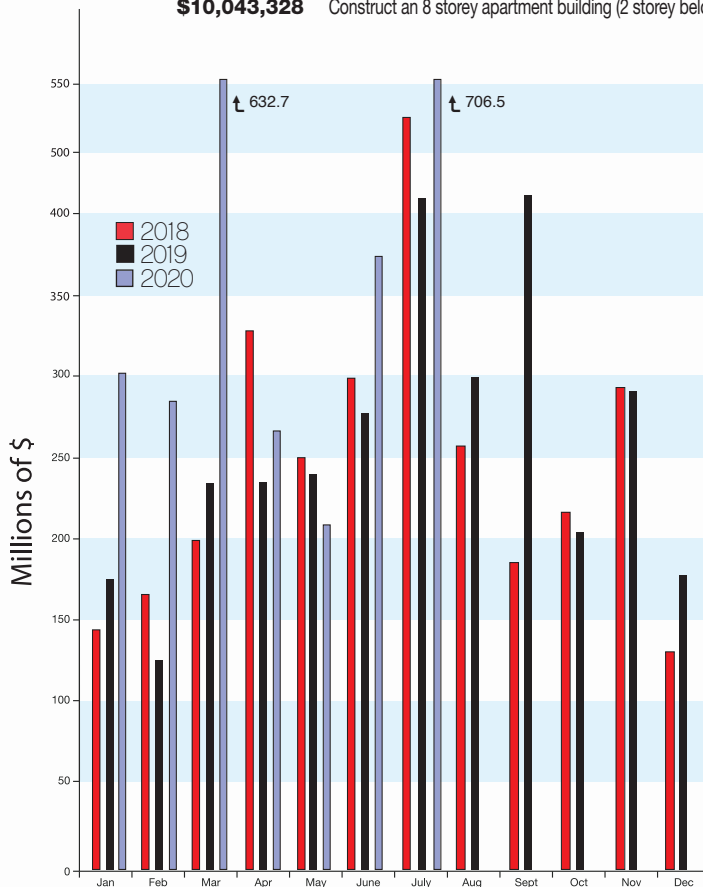


# THIS MONTH'S

Permits over \$500,000

issued in August 2020

<b>\$500,000</b>	Alterations to upgrade electrical system in a 20 storey apartment building 360 Croydon Ave.
<b>\$567,664</b>	Interior alterations on the 8th floor of a 9 storey office building 229 Wellington St.
<b>\$580,082</b>	Construct a 1 storey gas bar, car wash and convenience store (Shell) 471 Terry Fox Dr.
<b>\$600,000</b>	Demolish a 2 storey detached dwelling and detached garage 294 McKay St.
<b>\$647,743</b>	Construct a 1 storey retail building (Building A) 5114 Kanata Ave.
<b>\$648,258</b>	Construct a 1-storey storage industrial warehouse building 1499 Star Top Rd.
<b>\$699,723</b>	Construct a 1 storey retail building (Building C) 5104 Kanata Ave.
<b>\$775,693</b>	Construct a 1 storey retail building (Building B) 5100 Kanata Ave.
<b>\$863,979</b>	Construct a 1 storey industrial building (Hydro Ottawa) 4284 Cambrian Rd. W
<b>\$894,680</b>	Alterations to the HVAC system in a 1 storey retail Building (Home Depot) 10 Frank Nighbor Pla.
<b>\$1,300,000</b>	Installation of two grain bins (33 feet and 60 feet diameter) 3075 Carp Rd.
<b>\$1,323,000</b>	Interior alterations on the 1st floor of a 7 storey institutional building (Carleton University - Minto Case Bell Theatre) 1125 Colonel By Dr.
<b>\$1,874,871</b>	Construct a 3 storey apartment building 45 Wanaki Rd.
<b>\$1,900,000</b>	Exterior alterations to a 17 storey apartment building 1300 McWatters Rd.
<b>\$2,500,000</b>	Construct 2 additions to a 1 storey retail building (Land Rover /Jaguar) (PHASE 2) 1300 Michael St.
<b>\$2,970,338</b>	Construct a 3 storey mixed use building 5986 Hazeldean Rd.
<b>\$3,659,777</b>	Construct a 1 storey retail building (Home Hardware) 4836 Bank St.
<b>\$4,539,779</b>	FOUNDATION ONLY- Construct the foundation for Bowesville LRT station 2150 Earl Armstrong Rd.
<b>\$5,203,000</b>	Interior alterations to the mechanical system of a 12 storey office building 240 Sparks St.
<b>\$8,404,828</b>	Construct a 1 storey industrial building (ABIC Assembly Plant) (Phase 1) 3713 Borrisokane Rd.
<b>\$10,043,328</b>	Construct an 8 storey apartment building (2 storey below grade.) 250 Bessner St.



■ August 2020  
■ August 2019

Total: \$176.1 million  
Total: \$295.9 million

change: a decrease of 40.49% compared to August 2019

## Building permit values (\$ millions)

	2018	2019	2020
January	140.7	175.7	301.0
February	161.5	123.8	281.1
March	199.4	229.9	632.7
April	320.2	229.5	266.6
May	252.7	240.8	206.1
June	293.7	278.6	371.6
July	533.8	413.5	706.5
August	253.5	295.9	176.1
September	178.1	411.9	
October	211.2	206.7	
November	296.2	285.4	
December	128.8	175.7	
<b>Total:</b>	<b>\$2,969.8</b>	<b>\$3,067.4</b>	<b>\$2,943.4</b>
<b>Year to date:</b>	<b>10.6%</b>	<b>3.28%</b>	

2020 year to date total of \$2,943.4 million is 48.0% higher than the \$1,987.7 million in 2019

## Housing starts: August 2020

	Single-Detached			All others			Total		
	2019	2020	%	2019	2020	%	2019	2020	%
August	257	296	15	350	1,323	278	607	1,619	167
Year to date	1,547	1,846	19	2,783	4,386	58	4,330	6,232	44



# NUMBERS

## Building permit statistics: August 2020

(Please note that City of Ottawa building permit data now includes both new construction and renovation permit data.)







	Number of permits	Value of permits	Gross area of work (ft²)
<b>Residential</b>			
Apartment	16	20,770,455	235,432
Det. Garage/Shed	38	898,677	21,497
Duplex	2	63,000	1,760
Rowhouse	43	29,141,664	240,357
Semi - Detached	33	10,390,464	67,455
Single	342	69,731,667	494,233
Stacked Rowhouse	3	5,727,842	44,040
<b>Total</b>	<b>477</b>	<b>\$136,723,772</b>	<b>1,104,774</b>

**Year to date: Residential: \$1,540,772,933**

	Number of permits	Value of permits	Gross area of work (ft²)
<b>Non-residential</b>			
Demolition	41	1,189,250	-81,945.00
Industrial	15	15,065,939	185,480
Institutional	36	2,449,680	18,910
Mixed	3	94,800	2,736
Office	24	7,832,056	54,808
Other	1	16,000	21,527
Retail	29	10,989,407	234,143
<b>Total</b>	<b>29</b>	<b>\$10,989,407</b>	<b>234,143</b>

**Year to date: Non-residential: \$1,107,128,382**

## Material prices

	Commodity	Latest value	% change (monthly)	% change (yearly)	
	Oil (WTI, \$US/barrel)	39.6	-6.4	-32.5	▼
	Natural Gas (\$US/MBtu)	1.5	-37.7	-41.6	▼
	Copper (\$US/mt)	6810	3.7	19.6	▲
	Steel (\$US/mt)	295	3.1	23.4	▲
	Electricity (PJMW, USD/MWH)	17	-39.3	-32	▼
	Lumber composite (USD/1k bd ft)	797	1	117.2	▲

Source: data collected by and reprinted with permission from Export Development Canada's Weekly Commodity Update.

For more information, please visit [www.edc.ca](http://www.edc.ca)



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# FORECASTED TENDERS

## Infrastructure Services – Design and Construction Projects

October 2020 to January 2021 (Published: October 7, 2020)

Project Name	Project Type	Project Phase Status	Forecasted Date
Ruth Wildgen Park Accessible Pathway	Facilities	Design	Oct-20
Sealed Panels/Bldg Env Remediation	Facilities	Initiation	Oct-20
City Hall After-Hours Access to Parking	Facilities	Design	Oct-20
Storm Sewer Blackburn and Renaud	Municipal	Design	Oct-20
Catherine Yard - Curtainwall Remediation	Facilities	Design	Oct-20
Richcraft Rec Volleyball Courts	Facilities	Design	Oct-20
SpringHurst-Jr Playstructure replacement	Facilities	Design	Oct-20
Charles Sim - Replace Roof Area 2,4	Facilities	Design	Oct-20
2018 Pipe Repairs: Non Critical Sites	Municipal	Design	Nov-20
Fuel System deficiencies-Bundle 3	Facilities	Design	Nov-20
Nepean Sportsplex Sign Replacement	Facilities	Design	Nov-20
Carp Depot -Foundation Wall Remediation	Facilities	Design	Nov-20
City Hall - Replace Roofs - Ph 3	Facilities	Design	Nov-20
Ottawa River Outfalls - More Complex	Municipal	Design	Nov-20
Richmond PS Rehab and Capacity Upgrade	Facilities	Design	Nov-20
McCarthy Road East Curb and Sidewalk Reh	Municipal	Planning	Nov-20
Manotick & Leonard Demolish Salt Dome	Facilities	Design	Nov-20
PD Clark Nurse Call System (Bell Call)	Facilities	Initiation	Nov-20
Maple Grove Roof and HVAC Replacement	Facilities	Design	Nov-20
Lowertown CC - Replace AHU2	Facilities	Design	Nov-20
City Hall - Refurbish Supply Fan #20	Facilities	Design	Nov-20
Splash Wave Pool - Entrance Remediation	Facilities	Design	Nov-20
City Hall ActiveLiving ChangeRoom Access	Facilities	Design	Nov-20
Ottawa South Pumping Station Upgrade	Municipal	Design	Nov-20
John Murphy Pk Repl Playground Equipment	Facilities	Design	Nov-20
Multi-Use Pathway: Woodroffe	Municipal	Design	Dec-20
Fred Barrett Repl Roofs 3, 4, 5, 6 & 7	Facilities	Design	Dec-20
Wellington Snrs Ext Wood Cladding Remed	Facilities	Design	Dec-20
Brittany Drive Pump Station	Municipal	Design	Dec-20
Britannia Repair Bricks&Replace Windows	Facilities	Design	Dec-20
Navan Ctr-Replace Ice Plant Chiller	Facilities	Design	Dec-20
Chorus Park Riverside South Dev Del	Facilities	Implementation	Dec-20
Ray Friel Rep Slope/Flat Roofs Rinks 2,3	Facilities	Planning	Dec-20
Resurfacing Sidewalk: Heatherington	Municipal	Design	Dec-20
OC Transpo Operation - Waller St	Municipal	Design	Dec-20
Adv Design-Replace Sr Playstructure	Facilities	Planning	Dec-20
Cumberland Library Des - Roof/HVAC Repl	Facilities	Design	Dec-20
J.G. Mlacak Centre Replace Rink Slab	Facilities	Design	Jan-21
Richmond Forcemain Twinning	Municipal	Design	Jan-21
Carson Grove Prk-Resurface tennis courts	Facilities	Design	Jan-21
OC St Laurent Sth Replace Hoist 10 & 11	Facilities	Design	Jan-21
Lansdowne - Interpretive Signage	Facilities	Design	Jan-21
Cyrville Pk Adv Design-Water Play Area	Facilities	Initiation	Jan-21
CWWF Queensway Terrace Storm Sewer Rehab	Municipal	Design	Jan-21
March Rd Wastewater PS Conversion	Municipal	Design	Jan-21
MUP: Belfast-Trainyards Corridor	Municipal	Design	Jan-21
Richelieu CC Replace Fire Alarm System	Facilities	Design	Jan-21
Bingham-Tennis Court Resurfacing	Facilities	Initiation	Jan-21
Osgoode CC & Stuart Holmes Arena Rink	Facilities	Design	Jan-21
Carleton -Chiller Replacement	Facilities	Design	Jan-21



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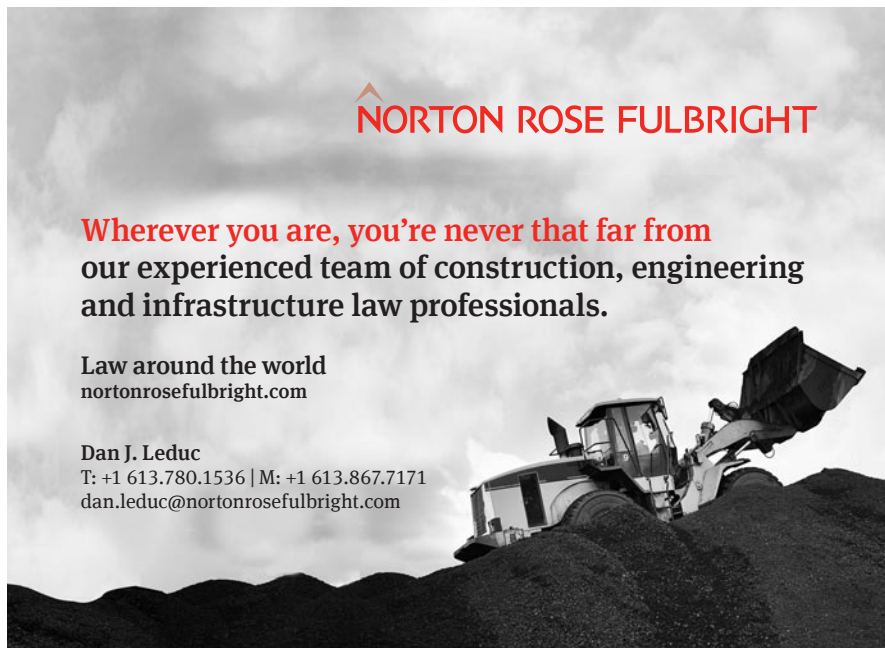
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## Controlling COVID-19 in the workplace

*Editor's note: this infographic was created by the Canadian Centre for Occupational Health and Safety. For more information, visit [www.ccohs.ca](http://www.ccohs.ca).*

Selecting an appropriate method to control a hazard in the workplace is not always easy. When it comes to the transmission of viruses such as COVID-19, workplaces should consider establishing control measures that have the greatest impact. The main ways to control a hazard, from the most to the least effective, include elimination (and substitution), engineering controls, administrative controls and personal protective equipment. In all cases, always practice physical distancing, hand hygiene and respiratory etiquette.

Share this infographic on how the hierarchy of controls can be applied to COVID-19 in the workplace, including examples of controls for each level. Visit the Infectious Disease Outbreaks/Pandemics website ([www.ccohs.ca/outbreaks](http://www.ccohs.ca/outbreaks)) for additional information and resources.

# Controlling COVID-19 in the Workplace

Ap

Focus on  
move o  
practice



## Elimination and Substitution

- Allow workers to work remotely where and if possible.
- Assess the need to report to the workplace in person on an individual or job role basis.
- People with immunocompromising health conditions (including chronic conditions such as diabetes, heart and lung issues, or cancer) or who live with immunocompromised individuals may need to continue to work remotely.
- Use technologies to facilitate working remotely, such as teleconferencing.

## Personal Protective Equipment



Respirators



Face Shields



Gowns



# Apply the Hierarchy of Controls

Apply the most effective methods first and then move on to the next level of control. **In all cases** practice physical distancing, hand hygiene, and respiratory etiquette.

## Most effective

ELIMINATION

SUBSTITUTION

ENGINEERING CONTROLS

ADMINISTRATIVE CONTROLS

PPE & NMM

## Least effective



## Engineering Controls

- Physical barriers.
- Increased ventilation and high efficiency filters.
- Sensors or no- or low-touch controls for water taps, doors, and garbage lids.



## Administrative Controls

- Communicate risks and rules.
- Limit occupancy, stagger shifts/teams.
- Use electronic communications for sign-ins and administrative work.
- Screen workers and/or customers.
- Clean and sanitize frequently.
- Practice physical distancing, hand hygiene, and respiratory etiquette.
- Change work practices to encourage physical distancing.

## Non-Medical MASKS

- Non-medical masks are NOT personal protective equipment.
- Follow advice from your public health agency about when to use a non-medical mask.
- If your mask becomes damaged, wet or dirty, replace it with a fresh one.
- Wearing a non-medical mask or face covering is recommended when you cannot consistently keep 2 metres away from others, especially in crowded settings.
- Wearing a mask alone will not prevent the spread of COVID-19, but it can help. Continue to practice physical distancing and good hygiene.

# Your employment termination clauses may now be invalid

The Ontario Court of Appeal may have invalidated widely used termination clauses in employment contracts and letters as a result of its decision earlier in *June in Waksdale v. Swegon North America Inc.* This decision will primarily impact construction employers with office personnel, managers, executives and non-construction employees who are entitled to termination pay and common law notice. This is in contrast with “construction employees” working on sites, who are not eligible for termination pay pursuant to *Employment Standards Act* regulations.

Many employers have done their best to meet their statutory compliance obligations in respect of their employees under the act. There is a strong financial incentive to comply with the act because any attempt to contract out of it invalidates the termination provision and often entitles the employee to much higher common law notice or compensation in lieu of notice.

Maximum termination pay entitlements under the act is eight weeks. If severance (a maximum of 26 weeks) also applies, the maximum cumulative total can increase to 34 weeks. But that is still much less than common law generally recognized maximum entitlement that same employee might receive which can triple the statutory minimum up to 104 weeks, plus the cost consequences of litigation.

Employers who think they have ensured that they have valid employment contracts or employment letters that set out what an employee is entitled to if terminated should think again, and double-check those contracts.

In June, the Court of Appeal reversed the lower court decision that had found that the termination with notice provision was clear, enforceable and could stand alone.

A for-cause provision means that an employee is terminated if they have done something fundamentally contrary to their obligations and thus, they are not entitled to any notice of pay in lieu of notice. A without-cause provision means that an employee can be terminated without any reason, but they are still required to be provided with notice of the termination or pay in lieu of that notice.

In the Waksdale case, the without-cause paragraph was not the problem. The problem was the for-cause provision that did not even apply on the facts of the case. All that mattered was that the contract wording in the entire termination provisions was contrary to the act and could have applied had the employee been terminated for cause.

The appeal decision underscores that it does not matter if the employer follows the act in practice. It also does not matter that the clause under which the employee is paid is valid if

another part of the termination provision is invalid. Contract wording, that is not even practically applicable to the facts of the case, if contrary to the act, can void the entire termination provisions. That means damages according to common law should be assessed and paid, not the contract stipulated amounts.

This decision likely impacts many employers because the employment contract language reviewed in this case is quite common in employment contracts. It spelled out the different consequences between for-cause terminations (the employee receives no compensation) and without-cause terminations (the employee receives a stipulated amount often mirroring the termination pay amounts set out in the act). These differences are spelled out in distinct paragraphs. The employee in this case was terminated without cause and so was paid the amount stipulated in the contract.

There are different legal standards for proving termination for cause at common law and the necessary level of misconduct that must be proven against an employee to disentitle that employee from receiving their minimum statutory entitlements. Common law just cause may be negligence or breach of a material term of the contract, for example, by the employee. But an employer must prove a higher level of wilful misconduct to avoid paying statutory entitlements to that employee. In other words, proving just cause at common law may still not be enough to disentitle an employee from statutory minimum entitlements. The underlying policy reason for this is the act is remedial legislation intended to protect employees and therefore the exceptions to that protection are very narrow and limited. So a termination clause that says an employee receives nothing if terminated under the broader definition of just cause at common law could but may not necessarily meet the narrow and limited exception or exclusion to deny that employee minimum statutory protection and entitlement.

In the wake of this case, if this common termination for-cause language is in your employment contracts, you should speak with an employment lawyer. The key take-away is to ensure contract termination provisions respect and or exceed an employee’s minimum statutory entitlements so that no part of the termination provision can later be read or interpreted as contracting out of legislation in any circumstance.

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*The article was written by Robert Monti, a senior associate with MBC Law. He can be reached at [rmonti@mbclaw.ca](mailto:rmonti@mbclaw.ca) and 613-714-4883.*





# Digitization of the construction industry

*This article was originally published in 2020 issue of Building Rural Manitoba. It has been reproduced with permission. To view the full article, please visit [Digitization of the Construction Industry](#).*

The use of legacy technology makes for an interesting reality: despite everyone getting the job done, some companies just have to work harder.

This is the kind of work that doesn't create value or contribute to the project. Worse yet, it's the kind of hard work that annoys industry workers, vendors, subcontractors and clients. No worker wants to be buried in paperwork, no vendor or subcontractor wants to wait weeks for a cheque and no client wants to find out that a project has been delayed because of an ordering or accounting error. It pays to work smarter and save the hard work for the jobsite.

This is what makes "anytime, anywhere" access in the cloud so important to construction companies. No one wants to run field tickets back to the home office or spend late nights entering and re-entering data between systems.

## The challenges faced by disconnected processes

In today's market, construction companies should be able to connect the jobsite with the office, but if they are unable to do so, processes become more complex than necessary. Visibility suffers, errors happen, and business slows to a grinding halt. When employees must scramble to piece together data from a variety of applications while managing multiple jobsites, mistakes are bound to happen—and ultimately, your reputation suffers.

## The way forward

The construction industry is evolving, and technology innovation will play a key role in its future. Next-level success means using integrated, automated and innovative software that meets the needs of the back office, the job site and field service personnel, which is quickly becoming populated by members of the Gen X, Millennial and Gen Z. The entire organization can operate from a single source in real time. Job costing, project management, contracts, budgets, commitments, subcontracts, workflows, compliance, billing, payroll and a construction mobile app—all from one cloud-based software solution.

One challenge that comes up is difficulty in the adoption of technology. As construction companies embark on this journey to modernize, it is important to invest in human capital by upskilling and reskilling teams. However, modern tools are far more intuitive than older technology and that makes the uptake in the business much easier.

In summary, digital disruption is happening to every industry including construction. The fact that construction is the least digitized industry next to agriculture means that it is second most likely to be disrupted by technology.

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*Kerry Mann is a consulting partner with MNP and leader of the firm's national enterprise resource planning practice. To learn how we can help with your digital transformation, contact Kerry at 647-480-8400 or [kerry.mann@mnpc.ca](mailto:kerry.mann@mnpc.ca).*



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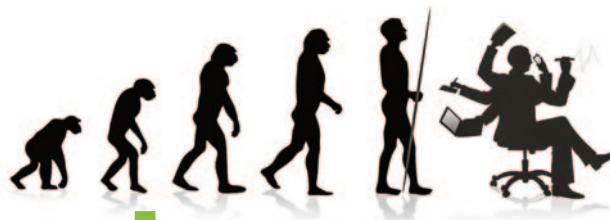
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# The evolution of working from home



Many things changed back in March. One of the biggest changes was a jump in the blurring of the line between our home lives and our work lives. Smartphones already had us starting work earlier in the morning and continuing later into the evening. But the COVID-19 pandemic has wrecked any separation that remained between work and home.

At the start, we all enjoyed a bit of euphoria with the wonders of Zoom calls. There were the silly backgrounds, no commute time, and the home fridge was only steps away. Aside from the technical problems, pets, kids, and bad chairs, working from home seemed to be a wondrous revolution.

Now that working from home is the new routine, technology is finding ways to adapt with us. Zoom may have been the video conference tool of choice a couple of months ago, but other companies have noticed. Microsoft and Google, for example have been busy updating their conferencing technology with new features.

Microsoft Teams has been super aggressive. They have created 'Together mode' that makes it all appear that we are in a shared space like a conference room, or a coffee shop. Meetings will have automatic recaps that include a video recording, all the files that people used and a full transcript of what everyone said.

Teams is also adding new personal wellbeing tools. Workers will be asked for their mood which can be shared with the bosses to get an idea on how everyone is doing.

Google has Meet as well as Duo and Hangouts. Why three? Nobody really knows. Google Meet is the one that is built for quick and efficient video conferencing. It is pretty barebones, but it does have a pretty cool live captioning feature that will print out the words on the screen for whomever is speaking.

Zoom famously stopped adding significant features a while ago so that they could concentrate on the security and stability of their video conferences. Now they have started adding features again. New tricks include a way to add a video box for participants such as a sign language interpreter and the ability to actually move around all the video windows during a conference call.



© Can Stock Photo / pitman

Another twist to all of this, is the abilities that your boss has to carefully monitor you working at home. The boom in working from home has turned into a boom for services like ActivTrak, Teramind, Hubstaff and Time Doctor that provide employee-monitoring software. Bosses can use a "dashboard" that shows data about individual workers, including their screen time, the activity of their computer mouse, shots of what's on an employee's screen and even their physical location.

If there is a footnote to all of this technology, it is the surprisingly well made COVID Alert app. This app should be mandatory for everyone in your home, on your jobsite and in your office. It detects people that you have been in close contact with. If one of those people happens to catch COVID, then they can alert others to go get a test. It is anonymous, the app won't tell you who tested positive and doesn't share information with anyone.

That app is increasingly used across the country and is easy to find in the Apple App Store and the Google Play Store. Just search for "COVID Alert" and download the one from Health Canada.

Do it!

*David Schellenberg is an Ottawa-based technology consultant.*





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# NEWS

## IN BRIEF

### Permit values fall 3 percent in July

The total value of building permits issued by municipalities dropped 3 percent to \$7.8 billion in July.

One of the more remarkable permits issued for the month was for \$474 million for construction of a 2.7-million square foot Amazon distribution centre in Ottawa's south-end Barrhaven neighbourhood. The facility is the e-retailer's second in the National Capital Region.

The total value of residential construction permits issued for the month dropped 6.2 percent to just over \$5 billion. This was largely due to a drop of more than 39 percent in residential permit values in British Columbia.

The value of single-family permits rose by 3.9 percent to \$2.2 billion, while the value of permits issued for multi-family homes dropped by 12.8 percent to \$2.8 billion.

Meanwhile, non-residential construction permit values varied. While the overall market for non-residential construction rose 3.3 percent to \$2.7 billion, declines in the values of industrial and institutional permits offset a large increase in commercial-sector permits.

The value of industrial permits declined for the second straight month, falling 15.7 percent to \$462 million, while the value of institutional permits fell 24.2 percent to \$628 million.

Commercial-sector permit values rose by 29.9 percent to \$1.6 billion in July—largely due to the \$474-million permit issued in Ottawa.

Ontario's construction market recorded a strong month. The overall value of permits issued rose by nearly 10 percent to \$3.4 billion. The value of permits issued in the residential sector rose by \$104 million. This was largely on the strength of strong demand for multi-unit housing.

The value of non-residential permits, meanwhile, rose by 21 percent. A drop in value of more than \$160 million for government and institutional permits was more than offset by a slight rise in industrial permit values, and an increase of 77 percent in the value of commercial-sector permits.

### Prequalifications open for \$1B Supreme Court project

The federal government has begun the process of prequalifying contractors as part of the \$1-billion renovation to the Supreme Court of Canada building.

A procurement notice posted in August calls for qualification submissions from four architectural and structural engineering firms. A separate notice calls for submissions from construction-management firms.

The scope of the work calls for major repairs to the 1940-era building. It will be the first time in the building's history

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## NEWS IN BRIEF

that it has seen such an extensive renovation. The project calls for:

- asbestos removal,
- rehabilitation to the building's heritage fabric, including its exterior walls, windows and interior finishes,
- rehabilitation to the mechanical, electrical and life safety systems,
- the modernization of information technology, multimedia and security systems,
- seismic upgrades to meet current building code requirements, and
- the interior fit-up for Supreme Court of Canada Building occupants.

The timetable for construction to begin is tentatively planned for 2023, with completion targeted in 2028.

The \$1-billion project budget also includes more than \$200 million already being spent on renovations to the West Memorial Building, which will serve as the temporary home for the Supreme Court during those renovations.

Construction on the West Memorial Building is underway and is being led by EllisDon.

### Province to add 98 labour inspectors

In an effort to help workplaces keep the spread of COVID-19 under control, the provincial government has announced it will hire 98 more health and safety inspectors.

Minister of Labour, Training and Skills Development Monte McNaughton delivered the news on September 23. The addition of the new hires means there will be more labour inspectors on the ground than ever before in the province's history.

The hiring of these new workers will see the number of active inspectors in the province increase from 409 to 507, an increase of 24 percent. Training is set to begin later this fall.

The new inspectors will play a key role in protecting workers by checking and enforcing that workplaces are following occupational health and safety legislation. They will have broad powers to:

- inspect any workplace and ensure they have COVID protections in place;
- investigate any potentially hazardous situation, critical injury, fatality and work refusal;
- order compliance with the legislation;
- stop unsafe work from being performed; and
- recommend and initiate prosecutions.

The full-year cost for the new inspectors will be \$11.6 million. Recruitment of the inspectors will begin in early October 2020. Applicants will have one month to apply.

Between March 11 and September 8, 2020, Ministry of Labour, Training and Skills Development inspectors conducted 19,411 inspections and investigations related to COVID-19 and issued 16,520 orders while on those visits.

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## Building construction investment rises in July

Building construction investment ticked up by 1.8 percent in July, data from Statistics Canada shows.

Investment rose to more than \$15 billion for the month. Of that figure, \$9.9 billion was invested in the residential sector—an increase of 4.9 percent over the previous month; investment in the non-residential sector dropped 3.7 percent to \$5.3 billion.

Thanks to an overall rebound in the past few months, investment in building construction is now only slightly lower than in February 2020—before COVID-19 construction restrictions were first put in place.

Investment in residential construction rose was spurred by increases in both single-unit (+7.5 percent to \$5.1 billion) and multi-unit (+2.4 percent to \$4.8 billion) segments. Ontario (+4.5 percent to \$4.0 billion) and Quebec (+5.6 percent to \$2.0 billion) led all of Canada in residential gains.

Following strong gains in June, non-residential construction investment declined 3.7 percent to \$5.3 billion in July, with decreases reported in all three components.

The commercial component represented the majority of non-residential declines, down 5.0 percent to \$3.1 billion in July. Investment in the institutional component dropped 0.8 percent to \$1.2 billion, while investment in the industrial component fell 2.8 percent.

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# CCA launches Talent Fits Here campaign

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## The national campaign focuses on changing traditional perceptions of construction careers.

The Canadian Construction Association (CCA) launched its Talent Fits Here campaign in September, with the aim of changing some of the traditional perceptions around working in construction.

The campaign showcases a collection of stories and experiences from real people working in different roles, on different projects and from different backgrounds—all within the diverse field of construction.

“For the first time in decades, the industry has more projects than people,” says Mary Van Buren, CCA president. “And our industry is not alone – there is competition for talent across sectors due to shifting demographics and baby boomer retirements, and it is fierce.”

Talent Fits Here is a national public awareness campaign designed to shift some of the traditional perceptions around working in construction by showcasing a collection of stories and experiences from real people working in different roles, on different projects and from different backgrounds – all within the diverse field of construction.

“One significant opportunity we have identified is for individuals from traditionally under-represented segments, such as women, youth, Indigenous and new Canadians, to view working in the industry as a career of first choice, including those who graduate from science, technology, engineering and math (STEM) programs,” says Van Buren.

CCA has been building up to its Talent Fits Here campaign for a number of years. Under the leadership of chair Zey Emir in 2018, the association struck a diversity committee that identified three opportunities for the industry to en-

hance its image. The first of these was a business case for diversity handbook that the association published in 2019. The second was an outreach toolkit that targeted educators and students in later high-school years, again with the aim of showing the depth and breadth of construction career opportunities. The third was the Talent Fits Here campaign.

“Our industry needs to be seen as one that offers exciting and dynamic careers—which it does,” says Van Buren. “Exoskeletons, drones and virtual reality all go hand in hand with the work our members do every day. That’s the reality of construction today.”

Talent Fits Here also aims to show how the people who work in construction contribute to greater purposes in their communities. The schools, hospitals and apartment buildings they build are important contributors to the lives of Canadians everywhere. In addition, the industry is heavily invested in designing

and building to the highest standards for sustainability—and pandemic-proofing.

“The Talent Fits Here website shows a cross-section of stories of people from all backgrounds who work in a variety of jobs in our industry,” says Van Buren. “Some people’s views of our industry are limited to what they see going on in their neighbourhoods, but that doesn’t tell the story of the behind the scenes work in data analysis, accounting and risk management—among so many other things—that goes into bringing those workers to the neighbourhood site.”

Already, eight stories are posted to the site. They highlight the work of a range of people from a wide range of backgrounds, and who work in a diverse group of careers: a construction supervisor, a field coordinator, a heavy-equipment operator and a director of virtual design and construction. More stories are forthcoming, and can be submitted through the site.

Visit [talentfitshere.ca](https://talentfitshere.ca) for more information and to view the stories.





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# RCCAO proposes sweeping One Call changes



**The Residential and Civil Construction Alliance of Ontario (RCCAO)  
is calling for sweeping changes to Ontario's One Call system.**



The alliance says utility locates are persistently late—some provided weeks past deadline—due to flaws not only with its rules, but also its governance.

In a typical construction season, late locates are troubling enough. The situation is worse this year as the industry struggles to cope with the impacts of the COVID-19 pandemic, including current and new projects, and backlogs caused by the spring shutdown. A lack of timely locate responses, says the alliance, could delay the delivery of municipal and other infrastructure projects that are intended to stimulate the province's economy.

"Contractors across the province are trying to catch-up with the backlog caused by COVID-19 and this heightened activity has resulted in an increase in demand for utility locates in many municipalities," says RCCAO executive director Andy Manahan. "But this has been a chronic issue as contractors have complained for years that there are long delays for utilities such as gas companies and telecommunications firms to provide markings of where their underground services are located. In fact, a recent article in *Ear to the Ground* estimated that 85 percent of all locate requests are late."

Part of the problem, says RCCAO, is that Ontario One Call is generally unwilling to prosecute utilities for failing to meet deadlines. Nine of the twelve members of Ontario One Call's board of directors represent utility companies, and may therefore be unwilling to prosecute their fellow utilities.

RCCAO wants to see the One Call board, and its Compliance Committee in particular, to move away from a self-governance model. It proposes that more than half of the organization's board represent non-utility stakeholders such as excavators, municipalities and the provincial government.

That proposal is one of six RCCAO outlined in a brief to Ontario Premier Doug Ford, Minister of Government and Consumer Services Lisa Thompson, and the 19 MPPs who sit on the province's Standing Committee on Finance and Economic Affairs.

The brief also takes aim at the way in which locates are delivered. It proposes that local service providers be prequalified to provide locates through Ontario One Call. At present, specific utility locates, such as for gas lines, are limited to a single company that typically serves a wide geographic area. That method, says RCCAO creates artificial market scarcity, and is open to delays when the locate company loses personnel or is overwhelmed with requests.

"A restructured One Call board should establish a uniform rate schedule for providing locates, where the variance in rates is based on level of risk and difficulty and perhaps geographic region," says the RCCAO brief. "This structure could then be coupled with the Locate Alliance Consortium model for the delivery of locates, which would help to meet demand."

The brief also calls for One Call members to extend the validity period of locates to at least 60 days. Longer locate ticket validity periods will reduce the number of locate requests and likely the number and severity of late locates.

RCCAO also wants to see opportunities for contractors working on common construction projects to share locates. As the system currently operates, contractors on a common site must request their own locates. RCCAO would like to see contractors and subcontractors share locates as much as possible to create efficiencies and reduce locate response burdens on utilities.

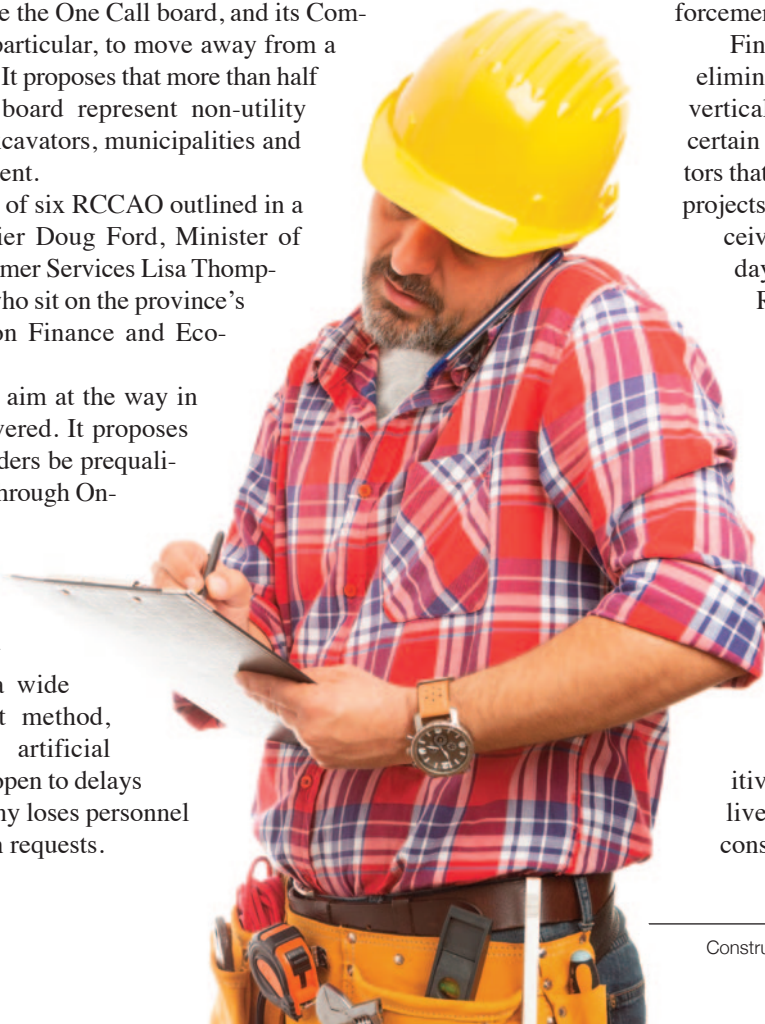
Two final changes proposed in the brief call for changes to the reporting and record keeping of locate responses. RCCAO would like to see clear differentiation between single-address locates, which are typically those requested by individual home owners, and linear- or multi-address project locates such as the replacement of watermain.

"By modifying the record-keeping process, One Call could then more easily identify problem areas related to the late delivery of locates and focus enforcement efforts," says the brief.

Finally, the document calls for the elimination of relocates on long-term vertical excavation projects below a certain depth. At the moment, contractors that work on foundation excavation projects, for example, are required to receive utility locates every 30 or 60 days to continue their work.

RCCAO proposes that once the site work goes below the depth of the lowest buried utility, such relocates are unnecessary.

"Ontario needs significant improvement in response times for the delivery of utility markings, especially if we are depending on construction to be a leading sector in our recovery efforts," says Manahan. "Implementing our six-point plan will reduce locate wait times for contractors and have a substantial and positive impact on helping them deliver timely and cost-effective construction services."



## DIGGING IN:

# Ground broken on first Stage 2 west tunnel

Officials broke ground on construction of the three-kilometre Parkway tunnel that is a key element of the Stage 2 O-Train West extension. The project uses a cut-and-cover method.



Construction of the latest rail tunnel along the city's light rail line is officially underway.

Mayor Jim Watson was among a list of dignitaries, including federal Infrastructure Minister Catherine McKenna and Jeremy Roberts, MPP for Ottawa West-Nepean to break ground on the three-kilometre Parkway tunnel—a key component of the Stage 2 O-Train West Extension.

“The start of tunneling on the next phase of Ottawa’s LRT shows that, in the face of adversity, we’re continuing to build up important public transit that people rely on every day,” said McKenna. “Seventy-seven percent of Ottawans will live within five kilometres of the LRT, and Stage 2 will reduce greenhouse gas emissions by 110,000 tonnes and help get cars off the roads. Canada’s infrastructure plan invests in thou-

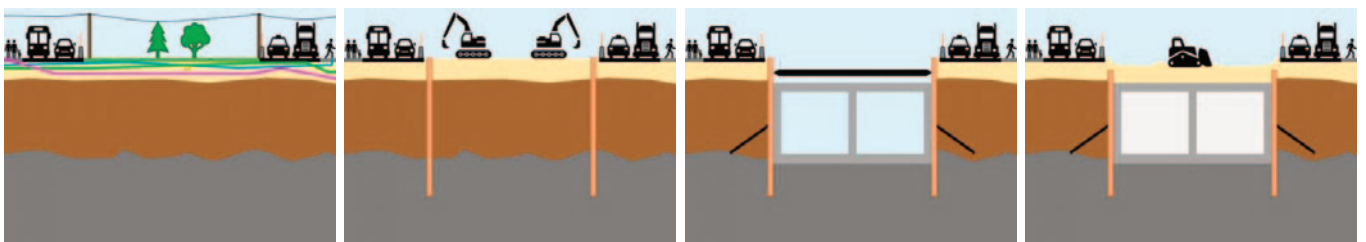
sands of projects, creates jobs across the country and builds stronger communities.”

The Parkway tunnel, which will be built using a cut and cover construction method, will extend from Dominion Station to north of Lincoln Fields Station, travelling underneath the Sir John A. Macdonald Parkway and Byron Linear Park. It will be one of two cut and cover tunnels in the Stage 2 O-Train West Extension project. The second will be the 270 metre Connaught tunnel that will link Lincoln Fields Station with Queensview Station, travelling underneath Connaught Avenue.



Each tunnel will be between 11 and 18 metres wide, and contractors will remove 500,000 cubic metres of ground material to accommodate the process.

East-West Connectors, a consortium that includes Kiewit and Vinci Group, is the contractor building the Stage 2 east and west O-Train extensions. Much of its work on the \$2.6-billion design-build-finance is focused on the west line extension, but the team will also add five stations and 12 kilometres of track east of downtown. Both projects are planned for completion in 2025.







*This image is an artistic representation of Byron Linear Park. The final product may not be exactly as shown.*

Work on the Parkway tunnel will be carried out in stages to minimize impacts on pedestrians, cyclists and local traffic. When construction is complete, Byron Linear Park will be enhanced to include more trees, less pavement, more public art, and additional plaza space for local events.

To prepare for tunnel construction, traffic on the Sir John A. Macdonald Parkway has been shifted, and underground utilities are being relocated. Excavation will start at the surface and support walls will be installed as the tunnel gets deeper.

The Stage 2 West Extension will add 15 kilometres of rail and 11 new stations to extend O-Train Line 1, the Confederation Line, from Tunney's Pasture to Lincoln Fields where it

will split, travelling south to Baseline Station and west to Moodie Drive. There will also be a light maintenance and storage facility located at Moodie Drive.

The west extension is one of three projects that make up Stage 2 LRT. Line 1 is also being extended east from Blair Station to Trim Road in Orléans and O-Train Line 2, the Trillium Line, is being extended south from Greenboro Station to Limebank Road in Riverside South, with a link to the Ottawa Macdonald-Cartier International Airport.

The Stage 2 Light Rail Transit Project is a \$4.66 billion project that is jointly funded by the Government of Canada, the Province of Ontario and the City of Ottawa.



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PHOTOS BY BASSI CONSTRUCTION LP



## SOHO Italia

**Project Address: 500 Preston Street**  
**General Contractor: Bassi Construction**

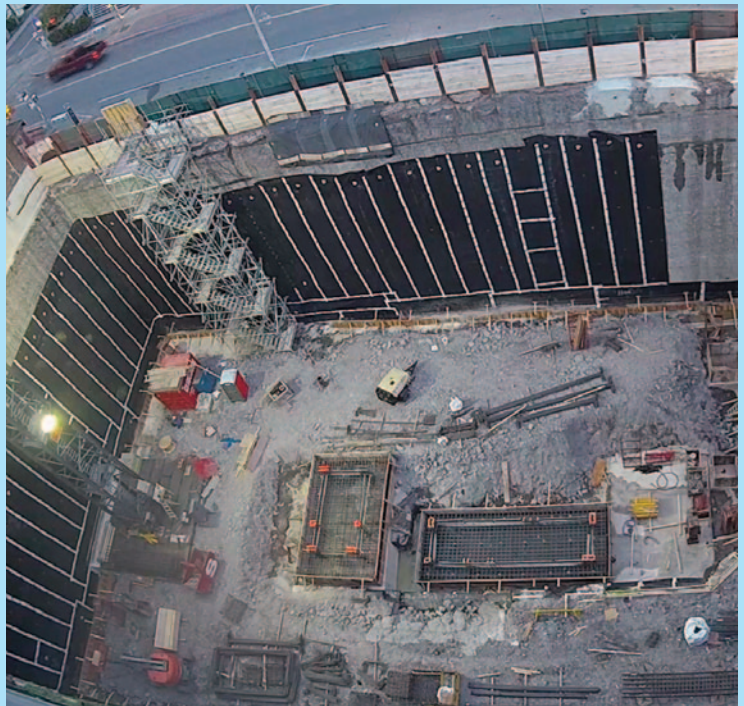
### *Consultants and OCA member participants*

#### Consultants

Roderick Lahey Architects  
 Goodkey Weedmark & Associates Ltd.  
 Morrison Hershfield Ltd.  
 Paterson Group Inc.  
 Construction Geotechnical & Environmental  
 David Schaeffer Engineering Ltd.\*  
 GMS Inc.\*  
 ELEMA Building Structure Design\*  
 Gino J. Aiello Landscape Architect\*  
 Charbel Abou-Tayeh  
 R.W. Tomlinson Limited  
 Coffrages Synergy Formwork  
 Harris Rebar (Div of Harris Steel Ltd.)  
 Hanson Ready Mix  
 George & Assmussen Limited – G & A Masonry  
 Lar-Mex Inc.  
 Arc & Spark  
 Vipond First for Fire, Life Safety & Security  
 Otis Canada Inc.

Project Manager  
 Excavation & Backfill  
 Formwork  
 Reinforcing Steel  
 Concrete  
 Masonry  
 Plumbing & HVAC  
 Electrical  
 Sprinkler Systems  
 Elevator

\* denotes non-member firm







PHOTOS BY EXEL CONTRACTING INC



## Charing Park

**Project Address: 37 Chartwell Avenue**  
**General Contractor: Exel Contracting Inc.**

### *Consultants and OCA member participants*

Consultant	James B. Lennox & Associates Inc. Landscape Architects*
Project Manager	Edward Veldkamp (City of Ottawa) Benoit Cardinal (Exel Contracting Inc.)
Site Services	George W. Drummond Ltd.
Electrical	JWK Utilities & Site Services Ltd.
Landscaping	Exel Contracting Inc.

\* denotes non-member firm





PHOTOS BY MCDONALD BROTHERS CONSTRUCTION INC.

## The Grove – Long Term Care Facility

**Project Address:** 275 Ida Street, Arnprior, Ontario

**General Contractor:** McDonald Brothers Construction Inc.

### *Consultants and OCA member participants*

Architect

Hobin Architecture Incorporated

Mechanical &

Electrical Engineering

Goodkey Weedmark & Associates Ltd.

Structural Engineering

Cunliffe & Associates Inc.

Project Management

Turner & Townsend\*

Reinforcing Steel

ABF Reinforcing Steel Inc.

Concrete Supply

Hanson Ready Mix

Concrete Placement

and Finish

Slavko Concrete Finishing Inc.

Masonry

McGonigal Construction Ltd.

Structural Steel

Sofab Structural Steel Inc.

Roofing

DWS Roofing and Waterproofing Services Inc.

Plumbing, HVAC &

Electrical

Modern Niagara Ottawa Inc.

Sprinkler Systems

Low Fire Protection Inc.

Doors and Frames

CFS Canada

Drywall

Serco Construction Ltd.

Elevator

Otis Canada Inc.

\* denotes non-member firm







PHOTOS BY STERIC DESIGN AND GENERAL CONTRACTING INC



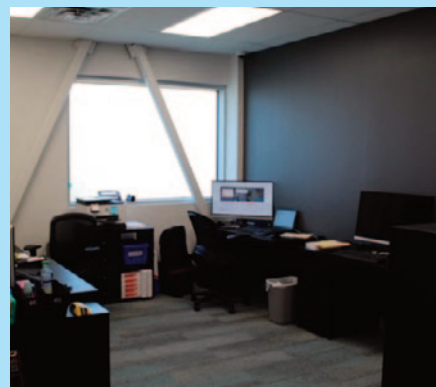
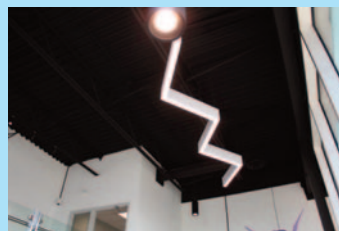
## Stash & Co

**Project Address: 1445 Merivale Road**  
**General Contractor: Steric Design and General Contracting Inc**

### *Consultants and OCA member participants*

Consultants	Deimling Architecture & Interior Design
	JRP Engineering*
Modular Hoarding	Steric Modular LTD
Project Manager	Matt Ilott
Concrete and Millwork	Steric Design and General Contracting Inc.
Doors and Frames	Merlin Door Systems Ltd.
Drywall	Durabuilt Construction Inc.
Material Supply	Gratien Proulx Building Materials Ltd.
Cutting and Coring	Latcon (2009) Ltd.

\* denotes non-member firm



# A record construction year, **complicated**



Photo by Ron de Vries Photography

**The value of building permits issued in Ottawa this year will set a record. As builders rush to put projects in the ground, staff at the City of Ottawa are dealing not only with high volumes, but also new processes to protect from the spread of COVID-19.**

It's a near certainty that 2020 will go down as one of the busiest years for construction activity in Ottawa's history. This, despite the fact that the COVID-19 pandemic all but shut down work across half the industry for a five-week period in the spring.

Through the first eight months of the year, the City of Ottawa issued \$2.943 billion worth of building permits. Already, that figure is the third-highest ever recorded—only slightly below the totals of \$2.969 billion and \$3.157 billion recorded in 2018 and 2019—and a quarter of the year remains.

While that figure is a sign that the local construction industry continues to prosper in the face of adverse circumstances, it's also testament to the work being done by the staff at the City of Ottawa's Building Code Services division to process a large volume of permit applications in the face of the COVID-19 pandemic.

In all but one of the first eight months of this year, the city issued at least 500 building permits. It processed more than 1,000 permits in June, more than 1,100 in July and more than 800 in August. April—during which work on all but the most essential projects was stopped by provincial order—recorded the lowest volume of work with 266 permits.

For John Buck, the city's acting chief building official, and Richard Ashe, manager of permit approvals, the challenge of issuing a large volume of permits for work was doubly complicated this year. The COVID pandemic forced much of the city's staff to work from home between March and August, meaning that the way permit applications were collected and reviewed, and permits issued, was complicated.

As well, a planned 8-percent increase to the city's development charges that was meant to go into effect in April, but



## Building permit statistics, January–August 2020

	January	February	March	April	May	June	July	August
Value (\$ millions)	301.00	281.10	632.70	266.60	208.80	371.60	705.50	176.1
Number of permits	511	580	740	266	695	1,074	1,166	837

which was deferred to October because of the pandemic, created a flood of summer permit applications from developers and property owners looking to take advantage of lower fees.

The result: a detailed process made complicated by a pandemic, and which was compounded by a higher-than-normal volume of permits in a small window of time.

“It’s been a rollercoaster year,” says Ashe. “After a historically robust first quarter followed by a slow spring, the summer months have been quite busy with permit applications. We think that’s due in part to a desire to get permits issued under the old development charge rates. It could also be due to pent-up demand after the COVID lockdown ended.”

The challenge for the city staff is that its rigorous processes for vetting applications and issuing permits doesn’t change because of a pandemic. The same level of care and oversight is required, regardless of whether staff are working in the office or from home, or how many applications are submitted.

As of August, the city was operating two of its usual four counters for collecting permit applications—at 101 Centrepointe Drive and 110 Laurier Avenue West. Staff are working across the various city offices on split teams, and are reviewing applications as they normally would—by regions within the city. That means that applications must sometimes be sent by inter-office mail from one office to another to be processed by the designated teams, a fact that adds time.

Time and flexibility, however, aren’t commodities local governments normally have in abundance. By law, Ontario municipalities have a certain number of days to complete their initial reviews of building permit applications. Smaller structures, like houses, must be reviewed within 10 days; reviews for larger or more complex buildings can extend to 20 or even 30 days.

Ashe and Buck say the city has been doing its best to keep up with the provincially mandated standards, but they admit that performance against the time-to-first-review metric for the year to date is down slightly compared to previous years.

“Everyone is stretched,” says Buck. “The good news is, there’s a lot of patience and understanding between us and the industry. We’re all dealing with the challenges caused by this pandemic in our own ways, and we’re pulling through.”

He adds that contractors have a role to play in ensuring permits are reviewed and issued in a timely manner by ensuring permit applications are complete, and with all disciplines intact.

“We saw a bit of a drop in the quality of applications we received while our permit counters were closed,” says Ashe. “We’re better at what we do when the quality of the applications we receive is high. It’s very much a ‘help us help you’ sort of scenario.”

Processing permit applications is one side of the work performed by the city’s Building Code Services division. The other is inspections.

When it comes to visiting sites to review in-progress construction work, the city’s inspectors are handling their duties more or less as usual. Of course they are observing the health and safety protocols put in place by site contractors, and once a building is closed in, they take further precautions to minimize interactions with site staff. In some cases, such as with occupied dwellings, they conduct their reviews remotely.

“Things are working well on the inspections side,” says Buck. “Everyone understands the challenges we’re all working through, so there’s plenty of tolerance for adapting to new ways of work. And our inspectors greatly appreciate the work being done by contractors to maintain high standards for health and safety.”

This year may well go down as one of the most successful on record for the local construction industry. What will likely be lost in that comparison in years to come is the fact that the local builders and staff from the City of Ottawa pulled together to make this year so successful under never-before seen conditions.

That’s impressive.

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613-564-3006

# WACCA celebrates 70 years

**WACCA looks different in many ways than it did when it was founded in 1950, but the association's core purposes of negotiating labour agreements and advocating on behalf of its contractor members remain unchanged.**

The Walls and Ceilings Contractors Association (WACCA) celebrates its 70th anniversary this year.

Doubtless you'll know WACCA as the group that stands behind and represents 24 of Ottawa's most trusted contractors that supply and install commercial interior fit-ups, drywall, acoustic ceilings and exterior insulation

finishing systems across the city's residential and commercial markets. But there's more to the association's story and its work. WACCA is a powerful voice for its members in labour relations, an active contributor on issues of significance for subcontractors, and a proud contributor to charitable causes throughout the region.

WACCA was founded as the Ottawa Lathing Plastering and Acoustical Contractors Association in 1950 led by Bill Murphy of Murphy and Morrow. In those days, several of the city's plastering contractors joined forces to deal with the threat of being certified individually at different terms by the Labourers Union.

The association changed its name to WACCA in 1976. Two years later, it became certified to negotiate the plasterers agreement provincially, and joined forces with the Acoustical Association of Ontario (AAO) to participate in provincial bargaining with the carpenters. Over the years, the association has also become certified to negotiate local area residential agreements with the carpenters and plasterers.

"Labour relations is our main function," explains executive director Don Sutherland, who was hired in 2005 to help, among other things, raise the profile of the association. "Our members are signatory to either the Carpenters local 2041 or the Plasterers local 124, and we negotiate agreements, either on our own or with the support of the AAO, in both the residential and commercial sectors."

WACCA is an active supporter of AAO, and counts several members on the provincial association's board of directors. Board member Domenico Filoso has had, and continues to have, an important role on negotiating the Carpenters provincial agreement. Its work with AAO has, in turn, given WACCA the opportunity to work with the Council of Ontario Construction Associations where it provides valuable input into issues of importance to subcontractors across the province, such as prompt payment, health and safety, and Workplace Safety and Insurance Board affairs.

Locally, the group works with its union partners to promote the interior finishing trades as career options for youth. That initiative sees the groups

**In their own words:**

## The Royal speaks about WACCA's support



WACCA is a generous trade group that continues to punch way above its weight.

In 2015, the association raised \$100,000 at their annual golf tournament. The funding went toward supporting The Royal's Brain Imaging Centre. At the time, the donation was the second-largest from a community event the Royal Ottawa Foundation had ever received.

"WACCA have been incredibly generous supporters of The Royal and so many other worthy charitable causes," says Mitchell Bellman, President and CEO, the Royal Ottawa Foundation for Mental Health. "The group of companies making up WACCA are true leaders in helping to strengthen our wonderful community. We are grateful for their continued support."



cooperate on an annual carpentry apprenticeship contest, as well as in the student engagement forum at OCA's annual Construction Symposium.

"We're fortunate to enjoy good recognition in the industry—through OCA, provincially, and with the unions," says Sutherland. "We are also very well known in the community in part because of our charitable works in recent years."

Each year, WACCA organizes a golf tournament for its members in support of a local charitable organization. The tournament began as a way of bringing together just the members of the association for a day of camaraderie. It has since evolved to become a full-fledged event that attracts 144 players from across the broader construction industry.

Along the way, it has become a significant fundraiser. Since the association launched its fundraising tournament in 2005, WACCA has raised more than \$1 million for local charitable organizations such as The Ottawa Senators Foundation and Rogers House, The ALS Society of Ontario, The MS Society of Ontario, The Regional Cancer Telethon, The Royal Ottawa Mental Health Centre, The Alzheimer Society, and The Ottawa Hospital Foundation.

"It means a great deal to our members to give back to the community they

serve," says Sutherland. "Our golf event has been spearheaded by Albert Lefebvre, who has endless ideas on how to keep it fresh and engaging. Matt Desormeaux and James Jensen are now taking the lead in organizing the tournament."

WACCA's success over the past 70

years has depended on the leadership provided by individuals, and the volunteer efforts of its members. Its future looks bright as the association continues to serve as a strong representative for the drywall, acoustic, interior fit up and sprayed fireproofing industry in Eastern Ontario and the Ottawa Valley.



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**The WACCA Board of Directors** — Left to right are Treasurer James Jensen - Aries Contracting; Executive Director Don Sutherland; President Paul Normand - BJ Normand Ltd; Past President Domenico Filoso - Marcantonio Constructors; Vice President Pierre Cleroux - Soubliere Interiors; Vice President Paul Mayer- Sapacon Drywall.

## In their own words: TOH speaks about WACCA's support

WACCA has been supporting patients at The Ottawa Hospital for almost 10 years. When COVID-19 hit this spring, the team at WACCA was among the first in our city to ask how they could help. We were humbled, but not surprised!

Through their highly successful annual golf tournament, the association and its members have given almost \$1 million to support patients facing breast cancer, prostate cancer, kidney disease and ALS. They have helped The Ottawa Hospital purchase lifesaving equipment like a da Vinci Surgical Robot and a fluorescent microscope. And they have supported the tiniest patients in the NICU.

"We are absolutely honoured by the generosity and leadership of WACCA," says Jennifer Van Noort, vice-president of philanthropy at The Ottawa Hospital Foundation. "It is such a privilege to witness all they have made possible for so many patients and families in our community. What I love most about the dedicated team at WACCA is their passion, ambition, comradery and the wonderful way they have fun while giving back!"

The COVID pandemic has only reinforced the importance of creating a healthier tomorrow for our community by investing in research that will tackle the most challenging illnesses and by building a brand new state-of-the-art hospital.

"How can we thank the team at WACCA enough for caring so much and giving so selflessly for every patient in our city? We are deeply grateful."



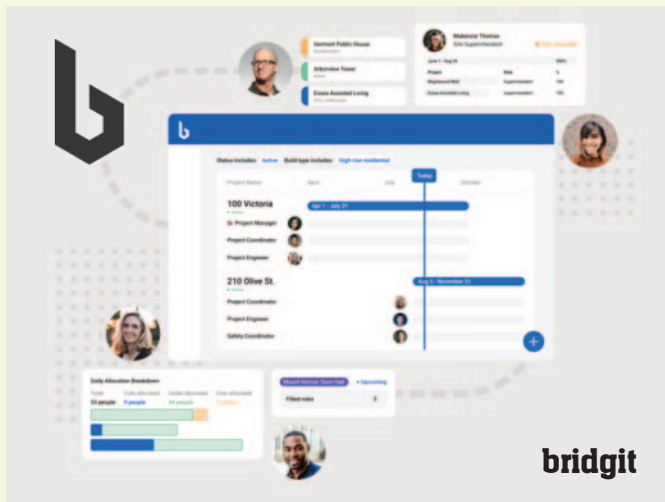


# Bridgit, Giatec named among top-growing companies

**Charting growth rates of 135 percent and 128 percent respectively over the past three years, the firms scored 274 and 281 on the top 400 in the country.**

Two construction-sector technology companies have cracked Canada's Top Growing Companies list.

Bridgit, a construction-resource management software management based in Kitchener, and Giatec Scientific, a manufacturer of concrete-testing hardware and software based in Ottawa, were ranked 274 and 281 on the list, respectively.



“We are thrilled to be named one of Canada’s fastest-growing companies,” says Mallorie Brodie CEO of Bridgit, “In early 2019, we launched our second product, Bridgit Bench, a solution for streamlining construction resource planning. This has continued to propel our company’s growth forward. The construction industry is undergoing major digital transformation, and we feel honoured to play a role in shaping the solutions they use in their businesses everyday.”

This is the second year in a row that Bridgit has been recognized on this list of the top growing companies in Canada. The list ranks Canadian companies on three-year revenue growth. Bridgit earned its spot with accelerated three-year growth of 135 percent, while Giatec earned its spot with a three-year growth of 128 percent.

2020 has been a big year for Bridgit in particular. Earning a place on the Top Growing Companies list comes on the heels of raising a \$9.4 million strategic investment led by Autodesk with support from EDC and existing investors BDC Capital’s Women in Technology Venture Fund, Salesforce

Ventures, Sands Capital Ventures, and StandUp Ventures. Earlier this year, Bridgit’s co-founders were featured on MaRS Discovery District’s list of 20 Canadian Entrepreneurs to Watch in 2020, as well as The Globe and Mail Report on Business Magazine’s list of Four Startups Impressing Customers and Venture Capitalists.



Meanwhile, Giatec announced earlier this month that it has partnered with PCL Constructors to deploy its SmartRock concrete sensor technology in PCL’s Jobsite Insights smart construction risk-management platform.

“This partnership will make it easier than before for PCL projects to leverage the SmartRock wireless sensor technology in the monitoring of concrete curing and hardening helping project managers optimize schedules more efficiently”, said Aali Alizadeh, CTO Giatec. “We are excited to partner with PCL a construction leader in North America and bring a full suite of smart technologies and AI-based solutions to the industry”.

Launched in 2019, Canada’s Top Growing Companies editorial ranking aims to celebrate entrepreneurial achievement in Canada by identifying and amplifying the success of growth-minded, independent businesses in Canada.

“The stories of Canada’s Top Growing Companies are worth telling at any time, but are especially relevant in the wake of COVID-19 pandemic,” says James Cowan, Editor of Report on Business magazine. “As businesses work to rebuild the economy, their resilience and innovation make for essential reading.”

The full list of Canada’s Top Growing Companies is available at [www.theglobeandmail.com/business/rob-magazine/top-growing-companies](http://www.theglobeandmail.com/business/rob-magazine/top-growing-companies).

# Rapid access

## to documentation essential for adjudication disputes in Ontario

*By Philippe Golin, noticia LLP, and Ivan Merrow, Glaholt Bowles LLP*

Electronic document management is a reality of doing business in the modern construction landscape. Unfortunately, so too are disputes between various stakeholders in the industry. Effective document management systems and retention policies make information available on demand, reduce the investigative cost of disputes, and may lead to faster settlements.

Now more than ever, in part due to recent changes in Ontario's *Construction Act*, construction stakeholders must be ready to prosecute adjudication claims and defend themselves on a moment's notice.

The timeline for adjudication is much faster than the traditional court system: an entire adjudication process may be resolved in as little as 30 days from start to finish. Compared to court cases that may drag on for years, adjudication requires rapid document access to achieve the best possible outcome. Having access to the right document at the right time may make the difference between a win or a loss.





Staying organized is critical. Documents should be saved in separate databases for each project to avoid intermingling. Maintaining proper and descriptive daily site reports, taking well-labelled and described photos or video, documenting instructions in writing, and taking meeting minutes are all good practices to retain evidence that may be critical during a later dispute.

From an adjudication perspective, records should be preserved that are relevant to the six issues available for adjudication listed under s.13.5(1) of the *Act*: (a) valuation of services, (b) payments under a contract, (c) disputes related to notices of non-payment, (d) set-off, (e) holdback payment and (f) non-payment of holdback.

To be useful in a dispute resolution process, those project documents must be accessible, searchable, readable, and exportable:



**Accessible** documents are saved in one or more databases that the organization expects to remain easily available many years in the future. A secure document database, backed up, on a cloud server, is an example of an accessible document database. If access to an email account, laptop, or other document storage system is temporarily or permanently lost, the outcome of a future adjudication may be impacted. If documents are still being generated as paper copies without electronic backups, there is a risk that the paper may be lost, destroyed or misplaced. Strong document retention policies are critical to ensure documentation can be preserved for later use.



**Searchable** documents are electronically stored, indexed, and made “word searchable” so that they can be located by searching for words in the content in the document. Otherwise, documents saved as PDF images, for example, can only be found by reference to the document title. Images, scans or other non-searchable documents may be unidentifiable unless there is a strong document naming convention and organized folder structure in place. For example, even though project photos may not have word-based content to search, they remain findable as long as they are stored in a folder structure that organizes the images by project, date, time, description, and location, or saved with a project or issue code in the title. Especially when dealing with large numbers of files, if documents cannot be found in a search, they may as well not exist.



**Readable** documents are not just visually legible, but also readable using available technology. Beware software systems that save document records in a unique proprietary format rather than common file types like PDF or the Microsoft suite of products. Consider what technology is required to make database files readable and assess the risk of that software becoming unavailable in the future.



**Exportable** documents can be moved into and out of database systems without damaging the files or making them inaccessible, unreadable, or unsearchable. Making files easy to export to other systems needs to be balanced with security, so that the organization’s proprietary files cannot be taken without appropriate authorization.

If your organization’s documents are not accessible, searchable, readable, or exportable, the records may not be available in time for an adjudication. Your business may have critical documents missing when they are needed the most.

When it comes to adjudication, document preservation is critical. Whether the objective is to mitigate damage or successfully prosecute a claim, documents can make or break the outcome. In advance of an adjudication, construction stakeholders may consider auditing systems already in place for accessibility, searchability, readability, and exportability. In the Ontario construction industry’s new era, assessing “adjudication readiness” may prevent monetary loss, legal expense, and organizational disruption from a failed or inefficient adjudication response.



Photo by Ron de Vries Photography

# RCCAO report warns of effects of funding inactivity

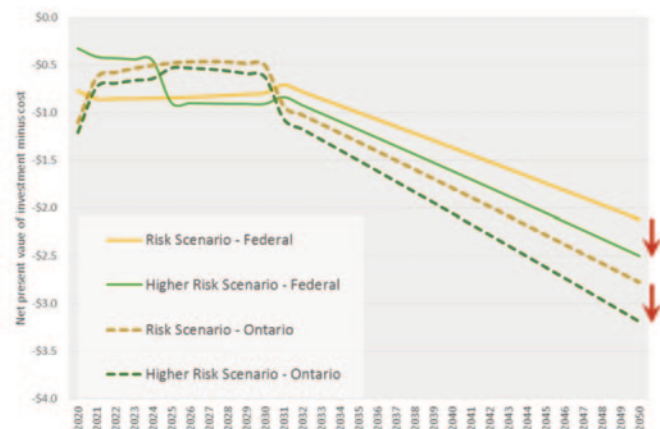
**‘We are running out of time to get important municipal projects built this fall,’ says RCCAO executive director Any Manahan as his association links the effects of infrastructure investment levels on long-run economic activity.**

A new report issued by the Residential and Civil Construction Alliance of Ontario suggest that if the federal government delays, or rolls back, infrastructure funding as a result of the COVID pandemic, Ontario could suffer significant economic losses.

The report, *Navigating the COVID-19 Socio-economic Shock: New Higher Risk Scenario Supplement*, builds on the findings of a report issued by the RCCAO and prepared by the Canadian Centre for Economic Analysis (CANCEA) in June. It updates the projections of that early-summer report with new data that suggests municipalities are facing even-worse budget shortfalls than anticipated three months ago, despite funds announced under the federal Safe Restart Agreement.

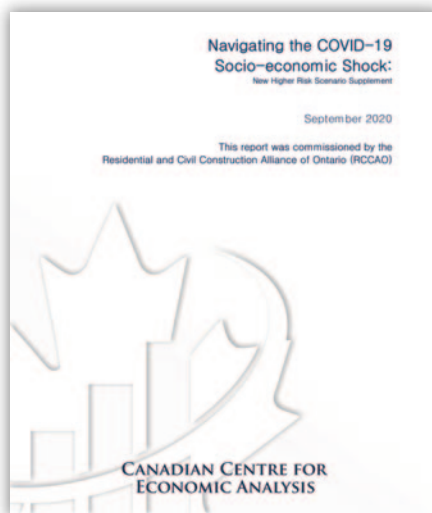
The updated report adds a new higher-risk scenario to its findings. In it, the federal government invests \$5.2 billion less than planned in Ontario infrastructure over the next five years. If this were to happen, CANCEA economic models suggests Ontario could lose out on 60,300 jobs and \$22 billion in provincial and federal government revenue over the

Net present value of taxation revenues from investment less all costs



next 10 years, and nearly 90,000 jobs and \$98 million in revenue over 30 years.

“This report offers compelling evidence that the federal government must step up to the plate and provide appropriate funds for infrastructure and to help offset municipal deficits that have accrued as a result of the COVID-19 pandemic,” says RCCAO executive director Andy Manahan. “We know that municipalities have state-of-good-repair projects ready to go and federal funding needs to flow to get the ball rolling. The alarm bells are ringing and we are running out of time to get important municipal projects built this fall.”





## 10- and 30-year outcomes of the Risk Scenario compared to baseline

Risk	10 Years	30 Years
Average Change in Employment	-55,000 jobs	-79,000 jobs
Cumulative Federal Government Revenue decline	-\$8 billion	-\$36 billion
Cumulative Ontario Government Revenue decline	-\$12 billion	-\$51 billion

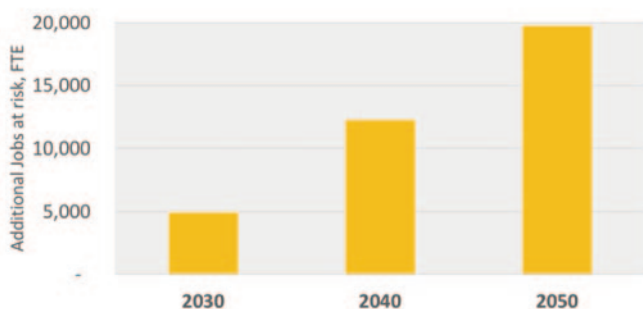
Since RCCAO and CANCEA released their June report, concern has been mounting among stakeholders that infrastructure investment may be at risk. The federal government is expected to invest \$16 billion in Ontario infrastructure over the next five years—about \$2.6 billion less than what otherwise would have been expected if the COVID-19 crisis had not occurred. As it turns out, that figure is on par with the risk scenario proposed by RCCAO and CANCEA in their June report.

The June report suggests that level of under-investment could cost Ontario 10,000 jobs and \$20 billion in lost revenue over the next 10 years, and 79,000 jobs and \$87 billion in lost revenue over 30 years. That scenario assumes the federal and provincial governments adjust their infrastructure spending to the economic downturn and contribute the same share of GDP to infrastructure as they had pre-crisis (0.4 percent and 2.4 percent, respectively), with municipal operating deficits being covered using funds from Ontario's capital budget.

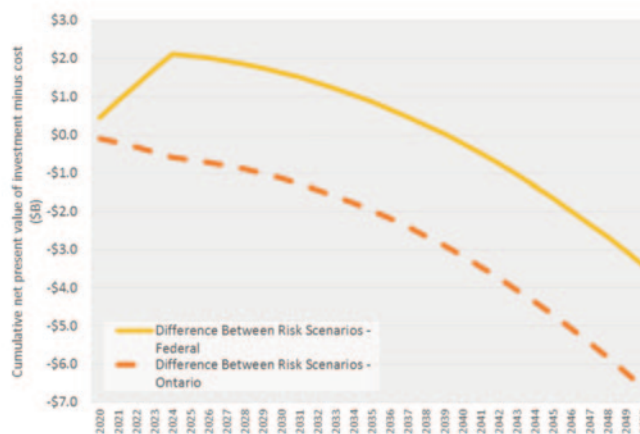
A new, higher-risk scenario described in the September report suggests that risks are magnified by further spending contractions. If the federal government delays or rolls back infrastructure investment from 0.4 percent of expected Ontario GDP to 0.33 percent, if Ontario continues to invest at 2.4 percent of its GDP, and if municipal deficits are covered with funds from Ontario's capital budget, the spending reduction could have an annual negative return of 4.7 percent.

A preferred scenario described in the June report projects the benefits of the federal and provincial governments investing the same amount in infrastructure as was planned pre-crisis, while the senior levels of government also pay off municipalities' operating deficits, thereby ensuring that municipalities maintain their capital plans.

Additional jobs at risk from the Higher Risk Scenario compared to Risk Scenario



Difference between Risk Scenario and Higher Risk Scenario  
Net present value of taxation revenues from investment less costs



In that scenario, Ontario creates 61,000 jobs on average per year, as well as \$22 billion in tax revenues in just 10 years, and 189,000 jobs and \$209 billion in taxation revenues in 30 years.

The analysis concluded that holding back on infrastructure investment in Ontario at this critical juncture could exacerbate the effects of the current crisis and hamper the recovery of the province.

“RCCAO is pleased that the federal government is providing funds to the provinces and territories through the Safe Restart Agreement, but it is not nearly enough,” says Manahan. “This is a critical period and it’s not the time for the federal government to pull back on infrastructure funds. Our economy needs a kick-start and we must get going, especially on state-of-good-repair projects.”

Although there are projects ongoing, Ontario contractors report that many municipalities are pulling back on tendering capital works projects because they are unsure about funding. The construction industry employs about 400,000 people in Ontario, but a considerable part of the sector could be lost if there is a cutback on infrastructure investments.

“We are looking at a very bleak time if the federal government doesn’t open up the tap for infrastructure projects,” says incoming RCCAO board chair Peter Smith, executive director of the Heavy Construction Association of Toronto. “It’s a high-stakes gamble to ignore the construction industry. The sector employs a lot of people in Ontario and such inaction will have a significant trickle-down effect.”

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# Nuclear industry looks to wood



**Atomic Energy of Canada Limited is dedicating part of the \$1.2-billion refurbishment it has planned for its facility at Chalk River to show off the performance of mass-timber construction. The federal government provided funding for the program on September 21.**

Canada's nuclear industry is showing off wood's potential.

Atomic Energy of Canada Limited (AECL) received funding of nearly \$4 million from the federal government to put toward construction of a series of mass-timber buildings at its Chalk River Laboratories near Ottawa.

The announcement was made on September 21 by Paul Lefebvre, Parliamentary Secretary to Natural Resources Minister Seamus O'Reagan, during National Forest Week.

"This innovative project demonstrates the benefits of using mass timber products in the construction of industrial buildings," said Lefebvre. "It reinforces our position as a global leader in the transition to a low-carbon future."

The project will showcase the use of wood for low-rise, non-residential construction while helping to reduce the carbon footprint of the Chalk River campus.

Funding for construction is provided through Natural Resources Canada's Green Construction through Wood program, which encourages the use of wood in non-traditional construction projects such as tall and non-residential buildings and bridges.

On his visit to the CNL facility at Chalk River, Lefebvre also participated in the inauguration of CNL's support facility, a new two-storey industrial-use complex that will serve as a centralized maintenance and support building.

The building is one of a number of new enabling buildings that are being designed and constructed at the Chalk River campus using wood sourced from Canada. Others include the

outer gate facility, a new building which will transform the site entry point at the Chalk River campus.

The support facility features cross-laminated timber for the elevator shaft, floors and roof panels, which are supported by Glulam timber purlins, beams and columns. Once complete, the building will use 880 cubic metres of wood and have a net CO<sub>2</sub> benefit of 964 metric tonnes.

The buildings are part of a 10-year capital program, funded through a \$1.2-billion investment from AECL, that is designed to transform the Chalk River Laboratories through the revitalization of essential site infrastructure and a significant investment in new, world-class science facilities.

"Our commitment to environmental stewardship goes beyond our clean energy research and environmental remediation activities," said Brian Savage, vice-president of CNL's capital program. "The focus on using wood for new buildings at the Chalk River campus is proof of that commitment. We are also modernizing the site to further reduce our carbon footprint and ensure long-term sustainability."

In addition to the new enabling buildings, CNL recently opened a \$55-million hydrogen laboratory complex, a \$100-million materials research laboratory, and a \$40-million tritium laboratory. Major investments have also been made into important infrastructure improvements, including new domestic water and natural gas service to the campus, a modern sanitary sewage treatment facility, and a system to more effectively manage storm water on the site.

"The revitalization of the Chalk River Laboratories is key to helping us meet the challenges of tomorrow, including building a low-carbon future," said AECL president and CEO Richard Sexton. "Using Canadian wood for our new facilities is part of our commitment to environmental stewardship. By building a sustainable, world-class nuclear science and technology campus, we are positioning ourselves to be at the forefront of science and innovation."

# Fall P3 market update released

## The quarterly report primarily highlights changes to delivery models and timelines to projects that were listed in the spring market update.

The latest [P3 Market Update](#) issued by the Ontario government and Infrastructure Ontario (IO) on September 24 shows two new projects added to the province's pipeline, and updates progress on a number of others.

The list features 40 public-private partnership (P3) projects—up from the 37 that were highlighted in the spring market update document that was issued in June. The document includes 17 transit, highway and subway projects, 17 health-care projects, five community safety projects, and one children's treatment centre.

Fourteen of the projects on the fall list are currently in procurement. Another 26 are in the pre-transaction phase. A further 12 projects are currently in the planning phase, and are not included among the 40 listed.

The combined value of the projects exceeds \$60 billion—the largest in the province's history.

"The projects in this update, valued at more than \$60 billion, show progress on many important priority infrastructure projects including subways, highways, health care and community safety projects," said Infrastructure Minister Laurie Scott. "These projects will contribute significantly to our government's made-in-Ontario plan for growth, renewal and long-term recovery."

The fall market update highlights two new correctional facility projects: the Quinte Detention Centre; and Brockville Correctional Complex and St. Lawrence Valley Correctional (SLVCTC) and Treatment Centre expansion (both of which will be built on the grounds of the current SLVCTC property).

The Quinte Detention Centre project is currently valued at less than \$200 million, and the project RFQ is expected to be issued in the winter of 2022. The Brockville Jail/SLVCTC project is valued at between \$200 million and \$499 million, and its RFQ is expected to be issued in the summer of 2022.

In addition, the update moves the Prince Edward County Memorial Hospital redevelopment from the planning to pre-procurement stage. Further updates have been made to the delivery methods for the \$10-billion GO Expansion: OnCorr project, and the GO Expansion: Lakeshore East–West Corridor project.

The document also updates the status of the Grandview Children's Treatment Centre from pre-procurement to active procurement.

"IO's P3 model is constantly evolving and improving to respond to market conditions and industry feedback, to achieve the best possible bids from the market," said incoming IO president and CEO Michael Lindsay. "We continue to participate in productive dialogue with the industry as we move forward on this large portfolio of projects. These projects and the approaches we are taking with our partners represent a broader evolution of the diverse work IO is doing to support the government."



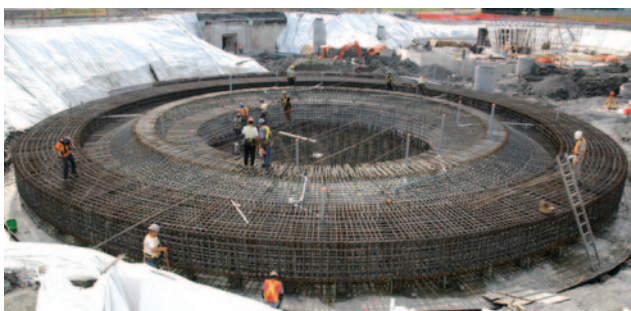
## Ron de Vries' portfolio images for sale



Over his 40-plus year career as a professional photographer, Ron de Vries captured many memorable images—including quite a number from local construction sites and on behalf of OCA and this magazine.

Ron passed away in August 2019. Since then, his son Conor has made many of Ron's images—whether of construction sites, from local landmarks, of fine art or of national personalities—available for purchase in print or digital format through Ron's website, [www.rondevries.com](http://www.rondevries.com).

Why not consider any of these for your website, your corporate marketing materials or even just to frame and hang in your office?



## OCA members save 5% on CSA online courses



The CSA Group is currently offering its two-part Infection Control program on dates in October, November and December.

The program, which is being offered in an online format, teaches participants how to address necessary measures and help control infection risk in health care facilities.

This program, and many other eligible products, are available at a 5-percent discounted rate to OCA members. Simply use any of the following promotion codes on check out:

- online self-directed training: **OCAWT205**
- public/virtual instructor-led training: **OCASE105**
- handbooks: **OCAHBA155**

Check out the CSA website for details on Infection Control: Part 1 – Fundamentals and Infection Control: Part 2 – Effective Implementation and Practical Applications.

The CSA Group main course website can be found at <https://store.csagroup.org>.

## Projects listed in August 2020

Project # 1481-1670 Owner/Agency	August 2020	Year to date
City of Ottawa	25	246
PWGSC & Other Federal Depts.	12	141
NRC	1	9
DCC	8	62
NCC	1	7
Provincial & Other Municipalities	50	550
Private Owners & Developers	0	15
Ottawa Housing	3	37
Museums	0	10
Health Care Facilities	8	36
Schools	3	79
Universities & Colleges	5	38
Brookfield	38	172
Prequalifications	11	81
Notice Only	19	181
Other Public Tenders	6	6
Duplicate	0	0
<b>August 2019</b>	<b>265</b>	<b>2,165</b>
<b>Total</b>	<b>190</b>	<b>1,670</b>
<b>% change</b>	<b>-28.3</b>	<b>-22.9</b>

## Ottawa Food Bank kicks off Holiday Food Drive

It's October, and the holidays are fast approaching.

Ottawa Food Bank's Holiday Food Drive, presented by Mosaic, challenges workplaces across the Ottawa Region to collect funds and non-perishable food for their neighbours. The proceeds help the Ottawa Food Bank provide emergency food service to community food programs and clients well into the winter months.

For teams working in the office, the Ottawa Food Bank distributes event materials, including boxes and posters.

For teams working remotely, a virtual toolkit provides quick-to-create online donation pages and simple-to-share Holiday Food Drive graphics.

Registration begins October 15 at [www.ottawafoodbank.ca/holiday-food-drive](http://www.ottawafoodbank.ca/holiday-food-drive), and the event runs until December 24.

For more information about this and other food collection and event opportunities, please contact Lindsey Thomsen, Community Engagement & Events Manager, [lindsey@ottawafoodbank.ca](mailto:lindsey@ottawafoodbank.ca)



## Virtual Webinar: Construction Management Contracts



Construction management (CM) as a form of project delivery promotes a team approach to the construction delivery process. The concept joins the owner, consultants and construction manager on a team, the objective of which is to deliver the project with emphasis on time, budget and constructability.

The Canadian Construction Documents Committee has developed three CM contract forms:

- CCDC 5A Construction Management Contract – For Services
- CCDC 5B Construction Management Contract – For Services and Construction
- CCDC 17 Stipulated Price Contract Between Owner and Trade Contractor for CM Projects

Attendees will learn the key provisions and philosophy behind these contract forms from a panel of stakeholders.

Join us on October 26. More information and registration details are available at [www.oca.ca/education/session\\_details.php?id=1579114334](http://www.oca.ca/education/session_details.php?id=1579114334).

## Unofficial bid results over \$500,000: August 2020

JOB #	DESCRIPTION		BID
OCA-20-1490	Rewire on Residential Housing Units	Saffco	\$1,333,500.00
OCA-20-1456	Turtle Exclusion Fence - Panmure Road, Thomas A. Dolan Parkway and Dwyer Hill Road	Goldie Mohr Ltd.	\$600,500.00
OCA-20-1449	Road, Sewer and Watermain Construction - Lavergne Street	R.W. Tomlinson Limited	\$12,428,000.00
OCA-20-1447	Upgrade Known Distance Range - Phase 2	Eastway Contracting Inc.	\$575,000.00
OCA-20-1442	Siding, Windows and Doors - Various RHUs	Lynley Contracting Services Ltd.	\$1,350,000.00
OCA-20-1427	Airport Parkway - Twin Culvert Lining	Clearwater Structures Inc., The Ganaway Company Ltd., Westmoreland Commercial Inc.	\$1,945,342.00
OCA-20-1410	Electrical Distribution Transformer Replacement	J.W.K. Utilities & Site Services Ltd.	\$730,000.00
OCA-20-1405	Raglan Street South and Airth Blvd. West - Rehabilitation and Multi-Use Pathway Construction	Thomas Cavanagh Construction Limited	\$1,864,475.84
OCA-20-1399	Pond A Revitalization and Upgrades	Brawn Construction Ltd.	\$637,172.00
OCA-20-1380	MTO - Concrete Joint Repair at Hwy 115-417	Dufferin Construction Company, a Division Of CRH Canada Group Inc.	\$1,317,750.00
OCA-20-1364	MTO - Grading, Drainage, Granular Base and Hot Mix Paving at Hwy 34	R.W. Tomlinson Limited	\$1,568,000.00
OCA-20-1354	S77 - Freight Elevator	Regional Elevator Services	\$610,200.00
OCA-20-1347	Upgrade Mechanical Systems - Various Buildings	Plan Group Inc.	\$1,040,000.00
OCA-20-1340	Fire Services - Container Training Structure	Draeger Medical Canada Inc.	\$1,228,500.00



## NEW MEMBERS AUGUST 2020

### Blinds 613/L'il Stoolhouse (1142536 Ont Inc.)

Kevin Smith - Manager  
107 Colonnade Road North, Unit 2  
Ottawa, ON K2E 7M3  
T: 613-226-6130  
info@stoolhouse.com  
Section: MSS

### Mansteel Rebar Ltd.

Jordan Evans - Manager  
105 Industrial Road  
Richmond Hill, ON L4C 2Y4  
T: 905-737-9797  
jordane@mansteelrebar.com  
Section: TRA

### Mask Landscaping Ltd.

Dave Mask - Owner  
8696 Abb Road  
Ashton, ON K0A 1B0  
T: 613-327-8852  
mask\_dave@hotmail.com  
Section: RB&HC

### Paramount Flooring & Construction Inc.

Victor Campagna - President  
275 Tewsley Drive  
Ottawa, ON K1V 0Y6  
T: 613-899-2708  
v.campagna95@gmail.com  
Section: TRA

## Industry roundtable on Ottawa's construction market



OCA is inviting stakeholders from across the local construction industry to discuss supply disruptions in our market.

It's no secret that the COVID-19 pandemic has created supply-chain problems in the lumber industry. Less-often told are stories about supply shortages elsewhere in our markets. Concrete, lighting, insulation, stone and roofing materials are in high demand and short supply. Some manufacturers are suggesting lead times of as many as 40 or 50 days. This comes at a time when the industry is busier than ever.

OCA is hosting a virtual roundtable conversation on supply-chain and labour issues in the local market on October 21 at 9:30 via Microsoft Teams. The association has invited representatives from a variety of stakeholder groups including the General Contractors Association of Ottawa, the National Capital Heavy Construction Association, the Electrical Contractors Association of Ottawa, the Mechanical Contractors Association of Ottawa, the Walls & Ceiling Contractors Association, the Ottawa Region Masonry Contractors Association, as well as local designers, material manufacturers and suppliers.

To participate in this session, please contact [jdv@oca.ca](mailto:jdv@oca.ca).

## OCA training schedule

FALL 2020

October 14 & 21	Microsoft Excel for Construction (Basic)	1:00 p.m.
October 15	Working at Heights - Fundamentals of Fall Protection	8:00 a.m.
October 20 & 27	Resume and Interview Preparation	10:00 a.m.
October 23	CST: Great Communicators Make Great Supervisors	9:00 a.m.
October 28 & November 4	Microsoft Excel for Construction (Basic)	1:00 p.m.
October 29 & 30	Dispatcher Training	8:30 a.m.
November 5 & 6	CST: Human Resource Practices	12:30 p.m.
November 5	Working at Heights - Fundamentals of Fall Protection	8:00 a.m.
November 6	WSIB and Construction Safety Liability	9:00 a.m.
November 9 & 10	Webinar - Construction Project Close Out	1:00 p.m.
November 11 & 18	Microsoft Excel for Construction (Advanced)	1:00 p.m.
November 12	Working at Heights - Refresher Training	8:00 a.m.
November 16 & 17	Interpreting Construction Drawings and Specifications - 2 Day Course	8:30 a.m.
November 18	Working at Heights - Fundamentals of Fall Protection	8:00 a.m.
November 19 & 20	Construction 101 & Beyond - 2 Day Course	8:30 a.m.
November 24	Tender Loving: Tender and Contract Law in 2020	9:00 a.m.
November 25	Mentoring	10:00 a.m.
November 26	Working at Heights - Refresher Training	8:00 a.m.
November 30 & December 1, 2, 3, 4	Construction Project Management - 5 Day Training	8:30 a.m.
December 3	Working at Heights - Fundamentals of Fall Protection	8:00 a.m.
December 4	Succession Planning	9:00 a.m.
December 10	Working at Heights - Refresher Training	8:00 a.m.

## See the OCA in Social Media



The OCA is on Twitter!

Give us a follow at @ConstructionOtt



We're also on Facebook!  
Give us a "Like"

# Guess the photo

*Last month, we asked you to pick out the building under construction in this photo. It's the Irving Greenberg Theatre Centre – the home of the Great Canadian Theatre Company. Full marks to France Tremblay of Maple Leaf Property Management for bringing us the correct answer. Partial credit to Kevin Wagorn of City Wye'd Electric who knew it was the GCTC building, but not its official name.*



*Photos by Ron de Vries Photography*



*This issue, tell us what local non-profit is headquartered here. Good luck!*

*If you think you know, send us a note at [editor@oca.ca](mailto:editor@oca.ca).*





# Publish Certificates of Substantial Performance (CSPs) and other notices FOR JUST \$199

Link2Build.ca is a new construction-industry portal owned and operated by seven of Ontario's local construction associations, including OCA. In addition to publishing daily news articles about goings-on in and around our industry, Link2Build will be a hub for plans and specifications posted across the province, and will offer contractors and owners a new forum to publish mandatory legal notices, such as Certificates of Substantial Performance—at a price of less than half of what other publications charge.

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