

St. Joseph storm pumping station & outfall (CP000664)

Inquiries/Responses

	Topic	Question	Response
1	Access during construction	How long can we expect each individual street to be under construction given that they will move from one street or one part of the street to another over the two-year period.	The final construction schedule will be determined by the awarded contractor; however, it is expected that underground works will be completed along each street, followed by surface reinstatement. Depending on the number of crews provided by the contractor, multiple streets may be constructed at a time and consideration will be given to limit traffic and overall impacts.
2	Access during construction	Emergency vehicle access, particularly when vehicles are parked on either side of the road.	<p>As the various road reconstruction activities are in progress, on-street parking will be restricted. Local access will be maintained to residents, business owners and emergency vehicles, but you may need to park vehicles further away from your desired destination than usual. Accessibility is an important consideration for the City of Ottawa and the City makes every effort to provide access through and around construction sites.</p> <p>The proposed lane widths meet City of Ottawa standards and are designed to accommodate expected traffic volumes and vehicle types, including buses, trucks and emergency vehicles. The design aims to balance traffic efficiency with safety and accessibility for all users.</p> <p>Parking may be restricted to one side on roadways with a narrower width to ensure passage of through vehicles.</p>
3	Access during construction	What is the impact to homeowner access to property during construction?	<p>Access to your home will be maintained at all times. At times when construction is directly in front of your home, you may not have access to your driveway for a few days. You will be notified approximately 72 hours in advance of this, and temporary on-street parking passes will be distributed to residents which will allow you to park on nearby streets. This is typical of road reconstruction projects. If you have any accessibility requirements, please inform the City Project Manager to determine if accommodations can be made.</p> <p>In general, local access will be maintained throughout construction for motorized traffic, pedestrians and cyclists. Some construction noise and vibration should be anticipated; however, the work will be completed in accordance with the City's by-laws which restrict work hours and noise levels at receiving sites (i.e., homes).</p> <p>Under the terms and conditions of their contract, the contractor is required to prepare a Construction Site Pedestrian Control Plan which will ensure the provision of a safe and accessible path of travel for all pedestrians through and/or around the construction site. The plan shall ensure that persons with disabilities, as well as those with increased mobility needs (parents with strollers and/or young children, elderly pedestrians using canes, walkers, or wheelchairs, etc.), will be accommodated either through or</p>

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			around the construction site. The project team is available to review and facilitate accessibility related accommodations during construction.
4	Access during construction	Is access to St. Patrick Street and St. Andrew Street from Bruyère Street possible in the section not under construction?	The intersection of St. Andrew Street and Rose Street will not be directly impacted by construction activities; however, localized closure of the intersection of Bruyère Street and Rose Street will be required for a period while underground and surface works are completed. Residents and other vehicular traffic will be required to find alternate routes, as required.
5	Access during construction	How will access to Borderleau Park be affected during construction?	<p>Access to Borderleau Park will be maintained throughout construction operations; however, not all parts of the park may always be accessible, inclusive of the tennis courts and splash pad. For instance, the play structure adjacent the pump station at the corner of Bruyère Street and Forsey Street will be closed to the public during parts of the 2026 and 2027 construction season while works are being performed on the pump station and its outfall structure. Closure of these features is a safety requirement.</p> <p>While an exact construction schedule is not known at this time, nor will it necessarily be known until such time as the City has retained a contractor to perform the work, limitations on the duration of construction adjacent these features is not feasible. Works on the pump station and its outfall structure are regulated by federal in-water timing restrictions for the Rideau River, wherein construction is only permitted between July 1 and March 14 of the calendar year.</p>
6	Access during construction	How will garage access to 316 Bruyère Street be impacted during construction?	<p>The City recognizes that access to the parking garage, and a loading zone for pickups/drop-offs/deliveries/moving trucks is an important consideration for all residents of the WaterStreet Apartments. We will work with representatives of the apartment building to reduce impacts to residents, where possible. Vehicle access will be provided to the parking garage as long as possible; however, when construction activities in front of the parking garage block this access, residents will be provided with sufficient notice to relocate their vehicles to adjacent on-street parking and will be provided with temporary parking passes.</p> <p>It is understood that a loading zone was recently established on Bruyère Street near Rose Street. The City can provide a temporary loading zone on Rose Street just south of Bruyère Street and the City will review the option of establishing a temporary loading zone on the south side of the building (St. Andrew Street) in front of the south building entrance.</p>
7	Catch basins	Will new catch basins be added?	Yes, new catch basins will be proposed to improve the overall drainage of the roadway and ensure adequate capture of surface drainage. Select catch basins will be replaced in their existing locations, where required (i.e. at low points). Note that the stormwater system design allows for certain temporary ponding on the roadway to protect the receiving systems and prevent surcharge during a large rain event.

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8	Construction duration	How long will this project last?	<p>Construction is anticipated to commence in June/July 2026 and continue through to late November 2027. As this project will require two years of construction, a winter shutdown period is anticipated from late fall 2026 to spring 2027.</p> <p>Once a contractor is selected, they will determine a schedule that best meets their needs to complete the work on-schedule.</p>
9	Construction noise and vibrations	<p>How will the City control construction vibrations, noise, and wildlife disturbance?</p> <p>Heavy excavation equipment produces strong vibrations capable of damaging foundations, driveways, retaining walls, and underground utilities.</p> <p>Will vibration and noise levels be monitored to protect homes, pets, and wildlife in the adjacent park?</p>	<p>While the City and contractor attempt to minimize impacts to residents and businesses, there will be periods during the course of construction that will have either direct or indirect impact on residents' daily routine. The City of Ottawa is committed to respecting the needs and access of residents while ensuring the safety, security, and efficiency of the infrastructure project.</p> <p>Elevated levels of noise and vibration can be expected during working hours. The City of Ottawa Noise By-law (2017-255) allows construction activity to occur weekdays between 7 am and 10 pm. On Saturdays, work is permitted between 7 am and 10 pm, while Sundays, statutory and public holidays work is permitted between 9 am and 10 pm. Should night work or weekend work be required as part of the construction project, you will be notified in advance by the City. An exemption to the Noise By-law will be required for night work and will be communicated in the same notice.</p> <p>Vibrations are likely to be perceptible, especially during compaction with a heavy steel drum roller; however, these vibrations are typical of City road construction projects and are unlikely to cause damage to houses. A vibration monitoring program will be included in the construction contract, wherein the City's contractor shall install vibration monitors (seismographs) at various locations within the project area to monitor vibration levels in the ground.</p> <p>Maximum allowable vibration limits are determined during the development of the contract and construction activities are to be ceased immediately should these limits be exceeded until a solution can be implemented to reduce vibrations. Please note that prior to construction activities commencing, a third-party consultant will be hired by the contractor to document all existing exterior conditions of homes. Interior inspections of homes, if authorized by the homeowner, may also be undertaken.</p>
10	Construction seasons	What is a typical construction season?	<p>A typical construction season is reflective of spring (April to early June) to late fall (October to November). For projects that require multiple years of construction, a shutdown period is typically observed from late fall (October to November) to spring (April to early June), inclusive of cleaning and making safe the project area.</p>

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11	Damage	Who do I call if my property is damaged due to the construction activities?	The General Contractor is required by the City to carry liability insurance and they assume full responsibility for the construction work, including any proven related damages. If you find damage, email the General Contractor with a description of the damage, photos and contact information. Please note that prior to construction activities commencing, a third-party consultant will be hired by the contractor to document existing building conditions.
12	Deliveries	How will deliveries be affected by construction activities?	Residential deliveries will not be significantly impacted; however, residents expecting large deliveries requiring larger delivery vehicles may need to coordinate with the construction team to ensure sufficient access through the work zone to affected residences.
13	Disruptions	What are the anticipated disruptions/impacts during construction?	<p>While the City and contractor attempt to minimize impacts to residents and businesses, there will be periods during construction that will have either direct or indirect impact on residents' daily routine. The City of Ottawa is committed to respecting the needs and access of residents while ensuring the safety, security, and efficiency of the infrastructure project.</p> <p>The impacts include:</p> <ul style="list-style-type: none"> • Short-term disruptions to water supply to isolate the construction area, establish a temporary overland water supply and again to reconnect your water service to the new system; • Removal of on-street parking to facilitate construction of the new infrastructure; • Short-term driveway access restrictions will be occasionally required when construction work is in front of a driveway. When driveway access is not possible, on-street parking passes will be provided to residents; • For many properties, there will be little to no work completed on private property. Work which will take place near to the property line will consist of sewer and water service replacements and minor grading/landscape works to tie-in to the adjacent front yards. If work is required on private property, the homeowner will be notified in advance; • Throughout construction there will be temporary disruptions to traffic flow; however, local traffic access will be maintained. In some instances, roads may be closed to local traffic only or converted temporarily to a one-way facility; • Dust from construction can be expected but will be mitigated through street sweeping, application of dust suppressants, etc.
14	Disruptions	Are there any penalties in the construction contract for delays within the contractor's control?	The City construction contract includes clauses specific to required construction completion dates. Where those dates are exceeded without cause, the City is able to recover accrued costs to the Project Team in the form of liquidated damages. Liquidated damages are intended to remedy undue additional costs to the City and are not remitted to affected residents.

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		Would the residents receive any compensation for lengthy delays?	
15	Electric vehicles	Many residents rely on home EV charging. Short disruptions are manageable, but repeated or prolonged multi-day driveway closures would create a cost burden, as public charging is far more expensive. Any clarity on typical access interruption duration would be appreciated.	Residents with electric vehicles will need to find alternative charging arrangements when access is restricted. The use of extension cords within the public right of way is not permitted. The project team will work to limit disruptions and provide accommodations, where possible, such as reinstating access overnight to allow for charging.
16	Garbage	Will garbage/recycling pick-up and snow removal be impacted during construction?	The City's contractor is responsible for coordination of garbage/recycling pick-up and snow removal within the construction zone. Homeowners can put their bins out as normal, and the contractors will ensure they are picked up. All City services outside of the construction zone will continue as normal. The project team will monitor these activities closely during construction.
17	Garbage	How will garbage collection be impacted?	The contractor will be made aware of the garbage collection schedule and is required to maintain access so that garbage can be collected at the curb. If vehicular access is interrupted for any reason, the contractor is responsible to move the garbage from the homeowner's curb to a common location where it can be picked up. Empty containers will then be returned to the appropriate homeowners/businesses.
18	Geotechnical concerns	How will construction works affect consolidation settlement of adjacent properties and their structures?	Consolidation settlement typically occurs when clay sites experience significant fill loadings or prolonged groundwater lowering resulting in increased stress on the underlying clay soils. The excavation and dewatering for this project is relatively short term and the geotechnical engineering assessment indicates the settlement risk for the prescribed works is low. Given the previous issues in the area, a daily settlement monitoring program will be implemented during the construction to monitor buildings within 25 metres of the excavation, including baseline elevation readings and a final set of readings one month following the completion of construction. If unacceptable settlement is observed, construction will be paused until an acceptable mitigation plan is developed to ensure the ongoing safety and protection of buildings in proximity to the work.
19	Groundwater levels	The project area is within the reach of the Rideau River that was landfilled.	The City's Geotechnical Sub-Consultant completed long-term groundwater level monitoring in two of the monitoring wells installed during initial investigations, which were set to record hourly over the span of a year. The average groundwater level was observed to be approximately 2 metres below ground surface.

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		What are the groundwater levels now, will they change during and after construction, and what steps are being taken to limit drawdown of the water and impacting the surrounding soils?	<p>The groundwater levels will be temporarily lowered during construction, exclusively within the limits of excavations, but will return to its static level after construction.</p> <p>The duration of the work is relatively short term and geotechnical and hydrological review indicates the site is at low risk of any significant migration of contaminants from any old landfilling sites in the vicinity.</p>
20	Impacts to property features	If construction disturbs privately owned features, who is responsible to replace them?	Reconstruction within the City's right of way may result in some disruption to part of the private property directly adjacent to the work. The City will reinstate sections of landscaping, retaining walls, driveways and walkways that are disturbed by construction; however, if you have plants or any other assets located within the City's right of way that you want to preserve, we suggest that you move them in preparation for the construction work. Any damage to private property will be the responsibility of the contractor to repair.
21	Impacts to property features	Is the City, the contractor, or both fully insured to compensate residents for any property damage caused by construction?	The City's contractor shall assume full responsibility for the construction work until such time as the construction project is entirely completed. You will be asked by representatives of the City's contractor for permission to survey your property before adjacent construction commences. It is to your benefit to allow the inspection to be conducted on your property, as it may assist with establishing the impact, if any, that construction has had at your property after work is complete. Additional information will be provided prior to the start of construction.
22	Lateral replacements	Will the city provide any contact information for residents that wish to complete the sewer and water main replacement to the home?	<p>If a property owner wants to replace a service on private property, it is the responsibility of the homeowner to coordinate with an independent contractor before or after this reconstruction project. A City of Ottawa program is available to help subsidize the cost of replacing your lead service. If this work is being contemplated by the homeowner, it is recommended that this is discussed with the City Project Manager to ensure the private property activities are coordinated with the City's contractor to ensure that the work can be achieved effectively and safely.</p> <p>Option 1 - You may choose to do the work yourself by hiring your own contractor. The only constraint is that you may not carry out your work while the City's contractor is working near your house and when the City's contractor is replacing your water service up to your property line. Concurrent work on your adjacent land may create a safety hazard for the City's contractor. There may be an opportunity to coordinate your work when the City's contractor is working at a distance from your house, but this would need to be coordinated directly with the City's contractor. Alternatively, your private service can be replaced before or after the City's construction project. For both options above, you can apply for a rebate of up to \$1000 through the Lead Pipe Replacement Program if your water service pipe is made of lead. Also note that a Building Permit is required. For further details about the Lead Pipe Replacement Program follow the link below: ottawa.ca/leadpipes</p>

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			<p>Option 2 - There is a possibility that the City's contractor would be willing to replace your private water service at the same time as they are replacing the water service up to your property line. If the City's contractor is willing to carry out private water service replacements and you choose this option, you would then be hiring and paying the City's contractor directly. If you are interested in this arrangement, please contact the contractor directly to find out the availability and details of this option. Contact information for the City's contractor will be shared before construction start. For both options above, you can apply for a rebate of up to \$1000 through the Lead Pipe Replacement Program if your water service pipe is made of lead. Also note that a Building Permit is required. For further details about the Lead Pipe Replacement Program follow the link below: ottawa.ca/leadpipes</p>
23	Parking	How will parking on Bruyère Street be impacted during construction?	<p>Bruyère Street will be closed during construction, but local traffic will be maintained to allow residents to access their homes. The duration of construction activities on Bruyère Street is not yet known at this time, but it is reasonable to assume a duration of approximately three months. During this work, on-street parking will be limited and alternate parking arrangements will be required, including use of Forsey Street and Rose Street.</p> <p>Please note that pedestrian access to homes will be maintained at all times.</p> <p>Residents should be prepared to find alternate parking arrangements on nearby streets when access to the underground parking is restricted due to construction activities. The City's contractor will work to limit and minimize access disruptions to the apartment complex.</p>
24	Pumping station	How does the new infrastructure compare to the existing pumping station in its flood prevention capabilities?	<p>The existing pump station was intended to pump drainage water conveyed from existing storm sewers directly into the Rideau River, however, the system is incapable of pumping those flows during periods of high-water levels in the Rideau River. The pump has been operating on a near-continuous basis, which is not sustainable.</p> <p>During periods of high-water levels in the Rideau River, the new storm sewer system will divert flows from the existing pumping station chamber to the King Edward Avenue storm sewer system. Otherwise, during periods of low-water levels in the Rideau River, flows to the existing pumping station chamber will be conveyed to the Rideau River, as has been done in the past.</p>
25	Rats	What can I do if I have concerns about rats during construction?	If you have concerns about rats during construction, the first step is to contact 311. When a 311 service request is made, based on the specific situation, the appropriate City Service will be requested to review (i.e. By-law and Regulatory Services) and provide advice or undertake any necessary actions. If a 311 service request related to a concern about rats is made within the project area, the project team will be notified. The City follows best practices during construction. However, if By-law and Regulatory Services identify environmental factors linked to construction that attract rats, the project team will work with officers to address any issues.

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26	Rideau River Impacts	How will the shoreline of the Rideau River be impacted by construction?	With the exception of works at the concrete outfall for the pump station, which is adjacent the play structure of Borderleau Park, the shoreline of the Rideau River will not be impacted by construction operations.
27	Sidewalks	Will the sidewalks be angled towards the road, or will they be flat?	<p>The inclusion of sidewalks improves accessibility, especially considering the proposed traffic calming measures, that people with vision impairment and mobility issues would have to go over/around in the absence of a sidewalk.</p> <p>The proposed ramp style sidewalks will be gently graded towards the road at approximately 2% for drainage purposes, which is standard across the City.</p> <p>At driveway entrances, the portion of the sidewalk closest to the road will slope down so that vehicles can mount the sidewalk and access entrances. At these locations, the majority of the sidewalk will remain a consistent and accessible travelling surface for pedestrians. Where 1.5m sidewalks are proposed, the full width of the sidewalk may be fully lowered, while maintaining the 2% cross fall, due to accessibility reasons.</p>
28	Snow	How do the traffic calming humps affect road plowing in winter?	While the shape of the speed humps is aggressive enough to slow traffic, it is also gradual enough to allow the snowplow blades to glide over them without damage.
29	Snow	How will snow removal operations be impacted during construction?	<p>During the construction period, the City's contractor is responsible for coordination of snow removal within the construction zone. All City services outside of the construction zone will continue as normal. The project team will monitor these activities closely during construction.</p> <p>Snow removal operations of streets outside of the construction work zone will continue to be monitored and maintained in accordance with City of Ottawa Road classification standards.</p>
30	Stay informed	How will the City communicate with residents before the start of construction and during construction?	The City remains committed to keeping the public informed of projects occurring in their neighbourhood and may use a variety of communication methods to update residents including but not limited to, mailed notices, project website updates and ottawa.ca. Residents should expect to receive a mailed notice 1-2 weeks prior to the start of construction and should expect to receive door hanger style notifications 24-48 hours prior to water supply interruptions. For time sensitive notifications or discussions there will be verbal interactions directly with the contractor and/or on-site City representatives. Members of the project team are available to answer questions from the public, their coordinates will be provided in the mailed pre-construction notice
31	Stay informed	How can I stay informed of this project moving forward?	The City will send out Resident Notices at key project milestones, such as construction start up and other major milestones. Residents are also encouraged to visit the project website for other project details. ottawa.ca/StJosephPumpingStation

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32	Storm sewer	Can storm sewer waters be conveyed to St. Patrick Street instead of installing a new system beneath Bruyère, Rose and Cathcart streets?	The existing storm sewer system beneath St. Andrew Street does not have the required hydraulic capacity for the function of the new storm sewer and the flows to be captured and diverted from the pumping station.
33	Storm sewer	What steps will be taken to prevent possible flooding during construction on the pump station and its backflow valve?	Construction is being staged such that the new storm sewer system will be installed first beneath Bruyère, Rose and Cathcart streets, thereby providing a functioning system to convey such waters while work takes place on the pump station and its infrastructure. Note that the pump station chamber and its outfall to the Rideau River will be isolated from the river and the new storm sewer network while work is performed on the pump station and its infrastructure.
34	Traffic calming measures	Will the speed humps be one height all across the roads or can they be the ones that are missing the hump in the middle? Why are some speed humps all the way across and others have a gap in the centre?	Design includes 'speed humps,' as per City design standards. The hump will be uniform across the roadway, with tapers at the curb sides to permit drainage. No breaks will be provided in the middle of the roadway. Speed humps with the 'gap' in the centre are referred to as speed cushions and are typically used on bus routes so that buses can straddle the cushions and smaller vehicles would be vertically deflected.
35	Traffic calming measures	Why are road narrowing and speed bumps layered together?	Road narrowing and speed bumps were needed together to achieve the overall 30km/hr target. Often it is difficult to find suitable speed hump locations that are spaced far enough apart due to opposing driveways, intersections, or curves in the road.
36	Traffic calming measures	With all the speed bumps and extended curbs, I am concerned about the ability for emergency vehicles to get to a home in a timely manner. Perhaps a few less would be in order?	The size and spacing of traffic calming features have been designed in accordance with the City's Traffic Calming Design Guidelines and the Local Residential Streets 30km/h Design Toolbox . Design has been completed in accordance with the City's Road Safety Action Plan, Traffic Calming Design Guidelines and Local Residential Street 30km/h Design Toolbox, which were developed in consultation with Emergency Services to ensure that undue response time impacts are not experienced.
37	Traffic calming measures	What is the intention of the traffic calming measures?	The intention of the traffic calming measures is to reduce traffic speeds and promote a safer corridor for pedestrians, cyclists, and motorists. Under the direction of the City's Strategic Road Safety Action Plan (RSAP), this project is following a Safe Systems approach to road safety with a goal of reducing speeds on local residential roads to 30km/hr. Our strategic design approach echoes the City's commitment to the Vision Zero concept that one fatality or serious injury is one too many.

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			<p>The size and spacing of traffic calming features have been designed in accordance with the City's Traffic Calming Design Guidelines.</p>
38	Trees	What is defined as a "mature tree"?	<p>The City defines a mature tree as a tree that has been planted for 15 years or more and may appear to be able to survive without your help. Its root system can reach water and nutrients even when surface conditions appear very dry. Additionally, a mature urban tree is one that has reached its maximum expected height and crown size for its species.</p> <p>For additional information, please refer to Tree and forest health City of Ottawa.</p>
39	Trees	How will mature trees be protected and how does the design consider those trees?	<p>Mature trees are to be protected in accordance with the City of Ottawa's Tree Protection By-law.</p> <ul style="list-style-type: none"> • The primary purpose of the City of Ottawa's Tree Protection By-law is to ensure that trees are protected from injury or destruction. The by-law identifies guidelines to follow when working around trees since trees can be seriously injured if their roots are compacted, cut or damaged. <p>All trees within the project limits were reviewed by a landscape architect and the City's forestry team as part of the design. Adjustments were made to the design where vulnerable trees existed to increase clearances to proposed construction activities. Modified service installations are planned throughout the project to minimize impacts to existing mature trees where necessary. There is also opportunity to adjust the plan on a case-by-case basis once construction has begun should new information come to light during the works.</p> <p>During construction, existing trees that are to remain will be protected. Specifications within the contract provide requirements to the contractor on protection methods. Typical measures involve fencing off areas adjacent to trees and providing trunk protection to trees when working in close proximity, to protect against damage to the bark. In areas where work within the critical root zone is required, best practices will be used to try to limit disruption to trees. Discussions with the City Forestry department will be undertaken as required.</p> <p>Trees will be protected wherever possible. Tree protection fencing will be installed at the beginning of construction to ensure trees are protected. Pruning will be expected as required to allow construction equipment to maneuver throughout the project limits.</p>