

Construction Update: September 19, 2024

Gardiner Expressway Strategic Rehabilitation: Dufferin Street to Strachan Avenue | Community Update

Thank you for subscribing to the Gardiner Expressway Rehabilitation, Section 2 Dufferin Street to Strachan Avenue, community update e-newsletter.

Project Overview:

The project will take place in three phases, focusing on two lanes at a time while keeping four lanes open.

- Phase 1 south two lanes (current stage)
- Phase 2 middle two lanes
- Phase 3 north two lanes

Key elements of the construction project include:

- Preparation work (completed).
- Installing temporary support systems to allow for the construction work to safely take place while keeping two-thirds of the Expressway open.
- Demolishing and reconstructing the elevated roadway.
- Removing and replacing the bridge deck and the large beams (girders) that support the road.
- Rehabilitating the concrete support columns (bents).
- Finishing works.

Gardiner Expressway Fall Maintenance Closure:

From 11 p.m. on Friday, September 20 until 10 a.m. on Sunday, September 22, the Gardiner Expressway will be closed for maintenance, cleaning and inspections to ensure the long-term safety and reliability of the expressway.

Working around the clock, road crews, engineers and contractors will complete:

- The resurfacing of all three lanes across multiple stretches of the expressway.
- Repairs to cracks and potholes.
- Maintenance and replacement of 1.4 km of guiderail.
- Controlled chipping to remove potentially loose concrete from the sides and underside of the expressway.
- Inspection, repair and replacement of signage and lighting.
- Clearing catch basins to prevent flooding.
- Removal of debris, weeds, litter and graffiti.

The York on-ramp will also be closed for construction over the same period, reopening by 5 a.m. on Monday, September 23, ahead of the morning commute. Crews will complete concrete and asphalt repairs to the ramp, with the additional time required to ensure the concrete is adequately cured before the ramp reopens to traffic.

During the maintenance work, the City will implement a comprehensive traffic management plan to mitigate traffic congestion on alternate routes along east-west corridors including:

- Deploying traffic agents to assist with traffic flows.
- Live traffic monitoring and real-time adjustments to traffic signal timing.
- Information for motorists on electronic variable messaging boards.

Drivers should plan their travel in advance and consider alternate routes, leave extra time for their journey and take public transit if possible. The City is working with map apps to ensure they share up-to-date information about the Gardiner closure and alternate routes.

More information about annual maintenance on the Gardiner Expressway is available on the City's website: <https://www.toronto.ca/services-payments/streets-parking-transportation/road-maintenance/bridges-and-expressways/expressways/gardiner-expressway/gardiner-expressway-maintenance-program/>.

A map of all road closures is available at www.toronto.ca/RoadRestrictions.

Rehabilitation Progress Update: Here's what has been happening and what you can expect coming up.

Roadway: Demolishing and reconstructing the elevated roadway.

Completed:

- Phase 1 removal of the roadway has been fully completed.
- Phase 1 bridge deck concrete placement from Bent 15 to Bent 19 (approx. 60m west of Exhibition GO Station to approx. 135m east of Exhibition Go Station) took place the night of Tuesday, September 17, 2024.

What happened this week:

- Phase 1 bridge deck and deck overhang reinforcement placement is ongoing from Bent 19 to Bent 23 (approx. 135 m east of Exhibition Go Station to approx. 210m east of Exhibition GO Station).
- Phase 1 bridge deck concrete placement from Bents 19 to 23 (approx. 135m east of Exhibition Go Station to approx. 210m east of Exhibition Go Station), is scheduled for Monday, September 23, 2024, starting at 11:30 pm.
- Installation of reinforcing steel for the south barrier wall has started.

Location of work:

- Work is being done behind the green construction screen on the roadway and underneath the roadway.

Girders: Removing and replacing the large beams (girders) that support the road. This process includes the prefabrication of the new girders.

Completed:

- Removal of girders in Phase 1 has been fully completed.
- New girders installed from western edge near Dufferin Street to Bent 31 (approx. 350m east of Exhibition GO).
- Completed prefabrication of 286 girders.

What happened this week:

- Installation of the remaining girders for Stage 1 is scheduled for Wednesday, September 25, 2024 and Thursday, September 26, 2024, from Bents 31 to Bent 35 (approx. 350m east to 450m east of Exhibition GO).

Location of work:

- Work is being done behind the green construction screen on the roadway and underneath the roadway.
- Girders are being fabricated in a facility north of Toronto.

Bents: Rehabilitating the concrete support columns (bents)

Completed:

- Finished removing the concrete from the bent caps between Bents 1 and 35 (approx. 205m west of Exhibition GO station to 345m east of Exhibition GO station)
- Completed reconstruction of all bents in Stage 1. Concrete placement for Bents 33 to 35 took place the morning of Wednesday, September 17, 2024.

What happened this week:

- Installation of bridge deck bearings in preparation for installation of precast box-beam girders.

Location of work:

- Work is being done behind the green construction screen on the roadway and underneath the roadway.

Thank you for your patience!

We appreciate your patience and understanding as we work towards a safer and more efficient Gardiner Expressway.

Please share this email

To ensure widespread awareness, please share this email with your neighbours and encourage them to sign up for updates to stay informed with the latest information.

For more information

If you have any questions or have any suggestions for what you would like to see in this community update, please contact the field ambassador for this project, Madeleine Eleuteri, at GardinerS2info@parsons.com or 437-996-4065.

Stay tuned for the next update!