

Construction Update: August 2, 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.

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

Temporary support system: Installing temporary support systems to allow for the construction work to safely take place while keeping two-thirds of the Expressway open.

Completed:

- Installation of temporary supports for Phase 1 has been completed

Location of work:

- Work takes place primarily underneath the roadway.

Roadway: Demolishing and reconstructing the elevated roadway.

Completed:

- Phase 1 removal of the roadway has been fully completed

Happening next week:

- Phase 1 installation of deck reinforcing steel from western edge near Dufferin Street to Bent 3. The concrete pour is expected to begin the week of August 6.

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 11 (approx. 20m west of Exhibition GO)
- Completed prefabrication of 224 girders till date.

Happening this week:

- Installation of new set of girders ongoing from Bent 8 to Bent 9 (approx. 75m west to 55 m west of Exhibition GO), and Bent 9 to Bent 11 (approx. 55m west to 20m west 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 10 (approx. 205m to 35m west of Exhibition GO station) and Bents 17 to 22 (approx. 100m to 190m east of Exhibition GO station)
- Stage 1 working platform installation for bent caps formwork, reinforcement and concrete placement completed from Bent 1 to Bent 16 (approx. 205m west to approx. 80m east of GO Station).

Happening this week:

- Continue removing concrete from bent caps between Bents 23 to 31 (approx. 210m to 345m East of Go Station) and Bents
- Set up formwork and reinforce bent caps at Bents 23 and 27 (approx. 210m to 300m east of Exhibition Go).

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.

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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!