

Construction Update: October 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.

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 west Abutment to Bent 27 (approx. 220m west to approx. 285m east of Go Station) has been completed.
- Phase 1 southwest retaining wall and barrier wall removals have been completed.

What's happening this week:

- Phase 1 bridge deck and deck overhang reinforcement placement is ongoing from Bent 27 to Bent 31 (approx. 285m to approx. 365m east of Exhibition Go Station).
- Phase 1 bridge deck concrete placement from Bents 23 to 27 (approx. 210m to approx. 285m east of Exhibition Go Station) was completed on Monday, September 30, 2024.
- Phase 1 bridge deck concrete placement from Bents 27 to 31 (approx. 285m to approx. 365m east of Exhibition Go Station), is scheduled for Friday, October 4, 2024.
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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.
- Installation of girders in Phase 1 has been fully completed.
- Completed prefabrication of 304 girders.

What's happening this week:

- No further girder installation in Phase 1.

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 approx. 345m east of Exhibition GO station).
- Completed reconstruction of all bents in Stage 1. No further bent cap concrete placement in stage 1.

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!