

Construction Update: June 26, 2025

## 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 is taking place in three stages, focusing on two lanes at a time while keeping four lanes open.

- Stage 1 south two lanes (complete)
- Stage 2 middle two lanes (complete)
- Stage 3 north two lanes (current and final stage)

### 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.

### Roadway: Demolishing and reconstructing the elevated roadway.

Completed:

- Stage 3 existing roadway lighting removals completed.
- Stage 3 asphalt milling completed.
- Stage 3 temporary roadway lighting installations completed.
- Stage 3 bridge deck demolition completed.

What's happening:

- Concrete placement for the bottom section of the northwest retaining wall is ongoing (approx. 220m west of GO Station).

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:

- Prefabrication of 681 precast girders produced as of June 19, 2025.

- Stage 3 removal of steel girders completed from Bent 11 to Bent 16 (approx. 20m west of GO Station to 80m east of GO Station).
- Stage 3 removal of concrete girders completed. Stage 3 removal of steel girders completed.
- Span 1 and 2 of girder installation was completed.

What's happening:

- Girders are being fabricated daily.
- The current round of girder installation began on Wednesday June 25<sup>th</sup> for spans 4 and 5. The installation of girders at the GO station will be ongoing for approximately one more week.

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:

- Stage 3 reconstruction of West abutment to Bent 23 (approx. 220m to approx. 210m east of GO Station).
- Concrete removals by machine completed for Stage 3.

What's happening:

- Between Bent 24 and Bent 26 (approximately 230m to 270m east of the GO Station), concrete is being carefully removed by hand-chipping.
- Between Bent 11 and Bent 16 (from about 20m west to 80m east of the GO Station), concrete placement is underway for new bent caps.
- Between Bent 14 and Bent 16 (about 40m to 80m east of the GO Station), formwork is being constructed and steel reinforcement installed in preparation for upcoming concrete pours.

Location of work:

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

For a visual map of the bent locations, visit the "Map of Work Area and Bent Location" tab on the [project website](#).

**Visual Work on Site:** The images below describe the type of work occurring on site during the week of June 23, 2025.



**Stage 3 Workers are installing steel dowels—short reinforcing bars—into the top of a concrete bent. These dowels will help connect the new concrete cap to the existing structure, making it stronger and more stable**



**Stage 3 Workers are removing the top layer of concrete from the bent cap. This process clears the way for new materials to be added and ensures the surface is clean and properly prepared.**



**Stage 3 Bent 16 more top of bent cap concrete removals**





**Stage 3 Wooden panels (formwork) that were used to hold poured concrete in place are now being removed. This happens once the concrete has cured (hardened) and is strong enough to support itself. Removing the forms reveals the newly built concrete structure.**



**Stage 3 New concrete is being poured into the prepared area to form a new bent cap**

**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](mailto:GardinerS2info@parsons.com) or 437-996-4065.

Stay tuned for the next update!