

# Rouge River Bridge Rehabilitation



The Rouge River Bridge has been in-service for 117 years. (Metrolinx Image)

## GO EXPANSION

GO service is expanding to serve you better - with more frequent service, more stations, cleaner technology and more connections. Across the entire network, our goal is to deliver 6,000 train trips a week - so you won't need a schedule because you know the next train will be coming soon. We're transforming GO Transit to bring more frequent two-way, all-day service to the Lakeshore East line, seven days a week.

The work has already started on the Lakeshore East line to get you where you need to go, better, faster and easier.

## PROJECT OVERVIEW

The Rouge River Bridge Rehabilitation project is part of GO Expansion and supports a larger, system-wide plan to improve GO rail service on core segments of the network. The bridge is a heritage property of provincial significance, and has been in-service for 117 years. The planned bridge rehabilitation will extend the life-cycle of the bridge structure by another 20 years.

The Rouge River bridge is located at the mouth of the Rouge River, crossing two municipalities: the City of Toronto to the west, and the City of Pickering to the east along the Lakeshore East rail corridor.

## IMPROVEMENTS

The general scope of work is to rehabilitate the bridge and will include:

- Superstructure repairs: Blast cleaning, coating all structural steel and steel surfaces. Repair, strengthening and replacement of structural steel members.
- Substructure repairs: Masonry stone repairs for the abutments and piers, crack injections and concrete path repairs, grout repairs at the approach span bearing pedestals and bearing replacement.
- Deck: Replacement of timber deck ties and track, relocation and protection of existing communication utilities.
- Approaches: Addition of approach slab, replacement of retaining walls, replacement of 25m of track on each side.



The bridge's timber deck ties and track will be replaced. (Metrolinx image).

## BENEFITS

- The planned bridge rehabilitation will extend the life-cycle of the bridge structure by another 20 years.
- This rehabilitation work will require a significantly smaller construction footprint and will greatly reduce impacts to the surrounding communities compared to a full bridge replacement.

## WHAT YOU NEED TO KNOW

- The rehabilitation of the bridge will not result in significant changes to the historic structure of the bridge. Rehabilitation work is happening to increase the bridge's life span.
- We have worked closely with our partners to minimize impacts on Rouge Park visitors, and park access will remain open.
- Bridge rehabilitation activities may generate some sound during the daytime and when work is being completed overnight.

## COMING UP

- Construction will commence in September 2021 and will be ongoing until Spring 2022.
- To ensure Lakeshore East rail service levels are maintained throughout this project, work that requires access to the track(s) will be completed during the overnight period or pre-planned weekend closures. Work that can be completed from the soffit, or underside of the bridge, will be completed during the day.
- Care will be taken to ensure the work does not impact the Rouge River or adjacent natural areas.
- Work that is accessed from the park will begin first and will include: scaffolding and enclosure set-up; structure steel repair works; abrasive blasting and painting; and, substructure repair works.
- Work that will be conducted from track level (and will be accessed by Rodd Avenue) includes: bridge deck tie and rail replacement; retaining wall replacements; installation of new approach slabs and backwalls; and, replacement of approach ties and rails.
- All schedules are approximate and may change.

## LAKESHORE EAST RAIL CORRIDOR

Today, if you live in Oshawa, Toronto, or anywhere in between, you enjoy two-way, all-day service seven days a week. We're going to take it up a notch. With GO Expansion on the Lakeshore East line, we're bringing 15-minute, two-way service between Union Station and Oshawa.

### Contact Us:

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