

# Neighbours

Winter 2026

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Frederick House Lake Dam  
Rehabilitation Project

ONTARIO  
**POWER**  
GENERATION



*Construction on the Frederick House Lake Dam Rehabilitation Project began in 2023, and is expected to wrap up in 2026.*

## Construction Update

As of late 2025, phase two of the project is currently underway with focus on sluiceways 1 through 6. In September 2025, key construction activities such as installation of the upstream cofferdam and concrete removal on sluiceways 1 through 6 were completed. Currently, significant activities are progressing, with concrete mass pours for the reconstruction of the

sluiceways and piers, as well as installation and alignment of stop log gains and sills. Work including the installation of the pre-cast bridge deck panels, reconstruction of the north gravity wall, and commissioning of sluiceways one through six were completed at the end of 2025. The remaining concrete work will be completed this Spring, with site restoration activities planned for Summer 2026.

## Project Scope

The Frederick House Lake Dam Rehabilitation Project will extend the dam's operating life by approximately 50 years, while maintaining high standards of dam and public safety. The project involves concrete repairs/resurfacing, as well as replacement of other flow control equipment, road maintenance, and temporary in-water work.



## What is a stoplog?

A stoplog is a removable barrier used to control the flow of water. They are stacked on top of each other in a slot, called a 'gain'. At OPG, many stoplogs are made from Douglas Fir, because it is strong and resistant to bending under water pressure, durable in wet conditions, and readily available in large sizes.

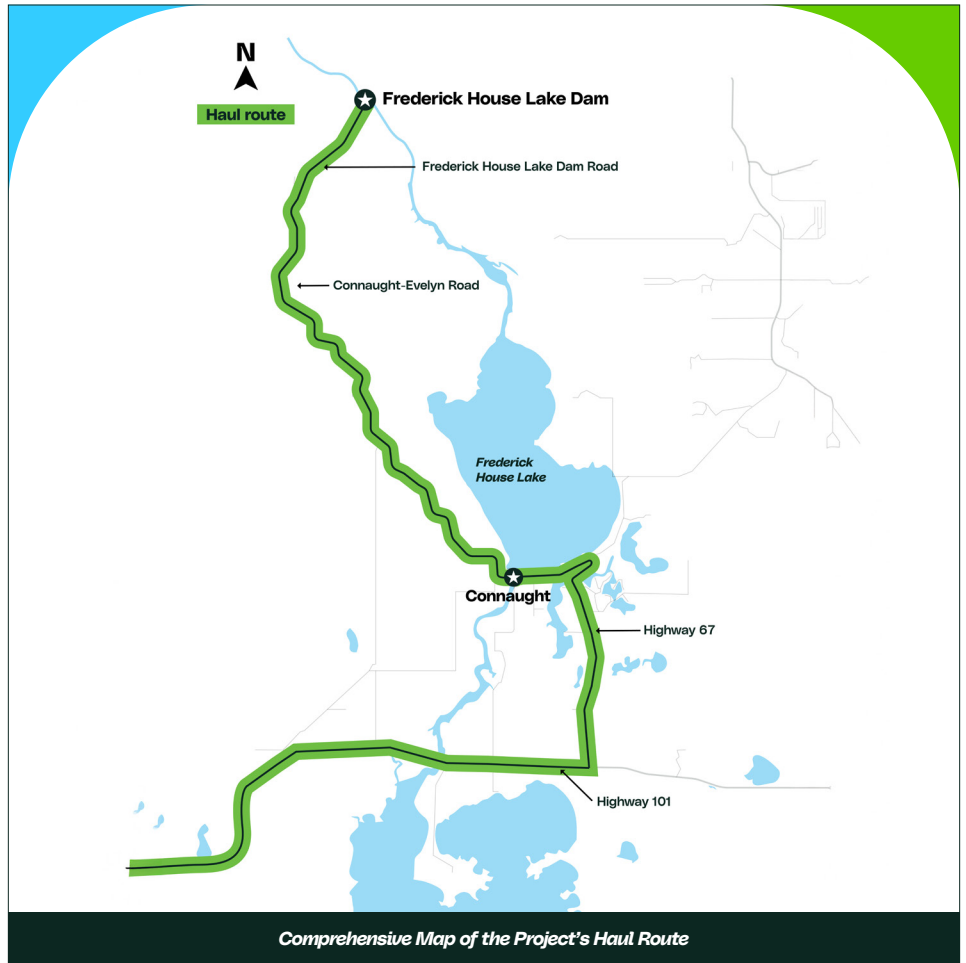


*Stoplogs shown in spillway gain.*

# Road safety/ traffic update



The Frederick House Lake Dam Project continues to prioritize road safety. Due to continued work at site through 2026, the public can expect continued construction traffic on the haul route (see map). Crews traveling to site will maintain practices as per the project’s traffic management plan. This includes utilizing the prescribed haul route, installed signage, and project identification on all vehicles heading to site. The project also uses radio communication, traffic attendants and daily visual assessments of road conditions.



# Winter water safety message

Danger looks different in the winter. The ice might look nice – but the currents below make it deceptively thin and can change without warning. If you take the risk and venture out onto icy surfaces near our dams, you might find yourself in

real trouble, fast. While enjoying Northern Ontario’s great outdoors this winter, please obey the signs and barriers, and stay clear, stay safe!



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