

# Investing in your community

**Richmond South Station and  
System Expansion Project**



## Overview

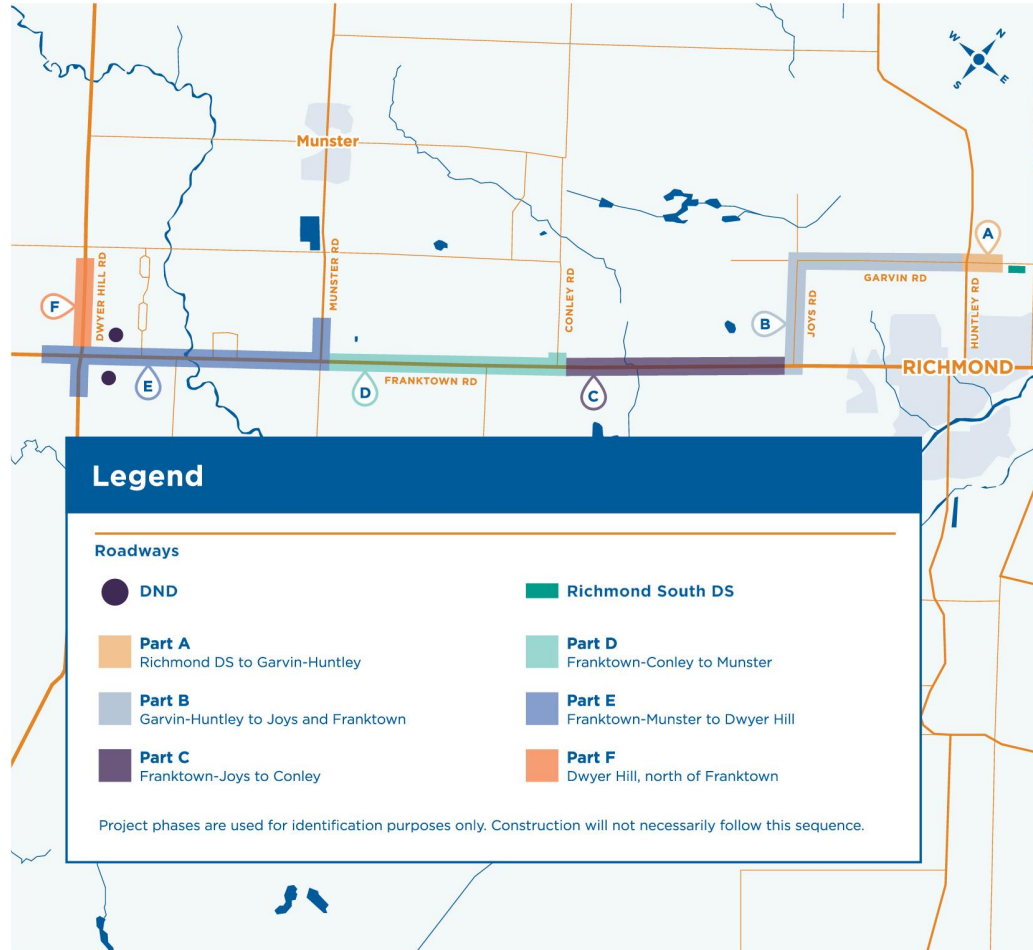
- Hydro Ottawa's Richmond South Station and System Expansion Project is being undertaken to support the Department of National Defence (DND) Dwyer Hill Training Centre construction project.
- The project entails installing a new transformer, the construction of a new station building, and enhancing the overhead and underground electricity infrastructure to boost capacity.
- Expanding capacity will ensure a dependable future electricity supply for the region.
- Hydro Ottawa's construction work (our portion of the DND project) will take approximately three years to complete and include an upgrade to our Richmond South station.

## Community benefits

- This project will benefit the wider community by supplying additional capacity that will improve local electricity service, provide redundancy to our system in the event of future extreme weather events, and support projected growth in the town of Richmond and surrounding area.
- The Richmond South and System Expansion Project aims to enhance the sustainability and resilience of the south-western part of the city and the town of Richmond.
- It is part of various future-planning projects being led across our service territory.

## Community benefits (cont'd)

- Our new system expansion will include an additional feeder, giving Hydro Ottawa more control over the area's power quality. Currently, our shared system with Hydro One leaves the area vulnerable to reliability and power quality problems, worsened by the long distances our distribution lines must cover.
- By increasing our supply in the area, Hydro Ottawa can better manage distribution distances and spans, leading to greater reliability, superior power quality, and the capacity to support future load growth.
- New poles along Franktown Road will align and consolidate existing assets, including those on Bell Canada owned poles.



## Project details

- Install one new 30MVA transformer and construct a new building to house electricity infrastructure on the existing station property on Garvin Road, west of Huntley Road;
- Install approximately 15 kilometres of a new 27.6kV feeder from Richmond South station to Dwyer Hill Road; and
- Perform overhead and underground electricity infrastructure work along Garvin Road, Joys Road, Franktown Road, Munster Road and Dwyer Hill Road.

## Timeline

### Procurement of major equipment

Q2 2023 - Q3 2024

### Demolition of old infrastructure at Richmond South station

Q3 2024

### Overhead and underground ductwork

Q3 2024 - Q4 2026

### Substation construction

Q3 2025 to Q1 2027

### Commercial connection construction

2026 to 2028

### Energization of upgraded Richmond South station

Q1 2027

## Work notifications



Notifications sent in advance  
of planned outages



Keep your contact  
information up to date



Project-specific  
information

Your Hydro Ottawa team

Peter Fisher  
System Designer

Sarah Robinson  
Moderator

Website  
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More questions?  
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# Questions?