

For questions about the project, visit [rem.info/en](https://rem.info/en)

The presentation  
will begin at 6:30 p.m.

Sunnybrooke station

# Instructions

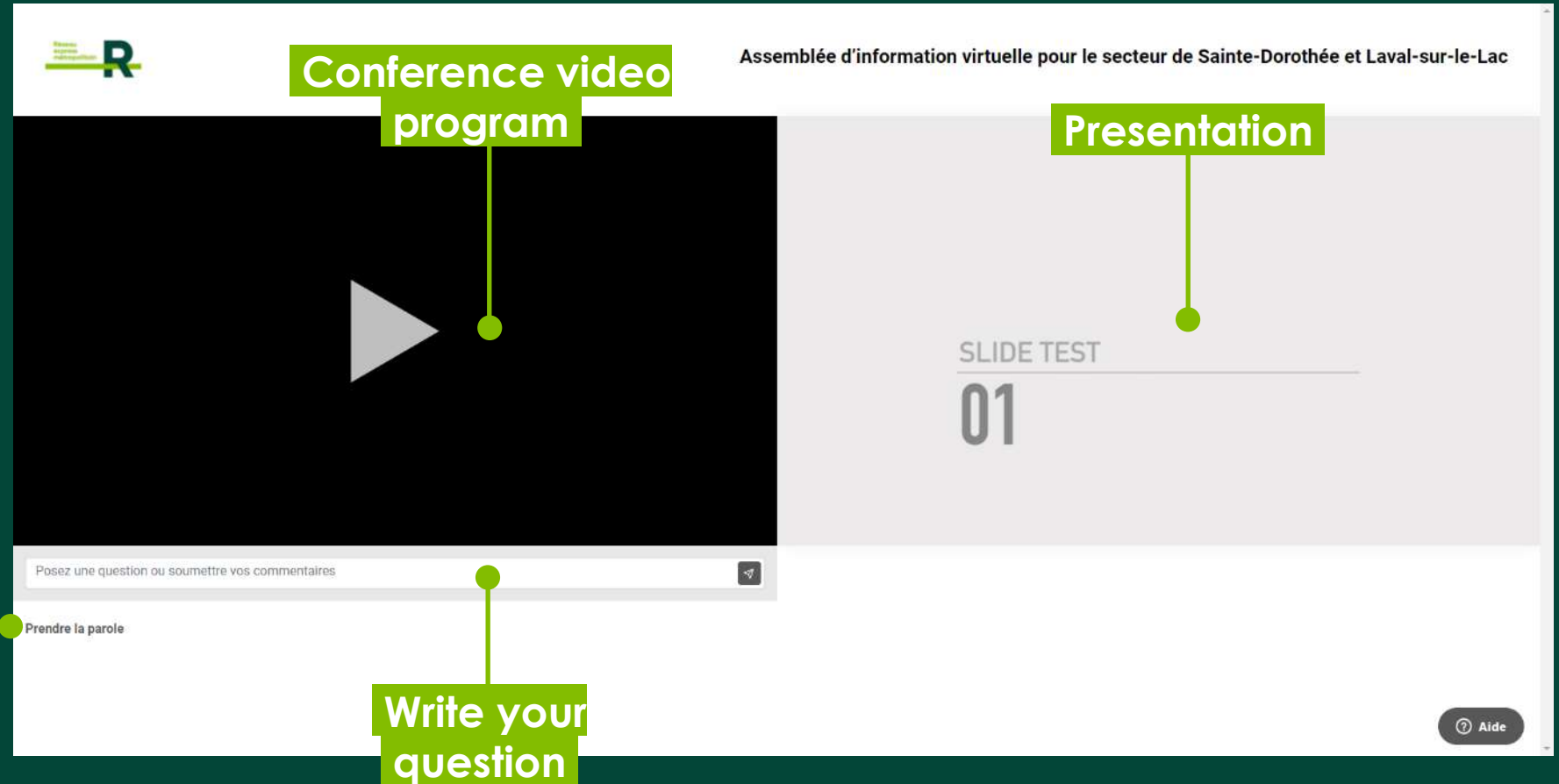
## Digicast platform



### Ask a question using your webcam + microphone

When asking a question verbally, click on the “**Have the floor**” button and an operator will redirect you to a virtual room for testing your audio and microphone.

Afterwards, you will be asked to pose your question to the speakers.



The screenshot shows the Digicast platform interface for a virtual information assembly. The header includes the logo of the Régie régionale de la santé et des services sociaux de la Capitale-Nationale and the title "Assemblée d'information virtuelle pour le secteur de Sainte-Dorothée et Laval-sur-le-Lac". The main content area is divided into two sections: "Conference video program" on the left and "Presentation" on the right. The "Conference video program" section features a large black video player with a white play button. Below the video player is a text input field with the placeholder "Posez une question ou soumettre vos commentaires" and a microphone icon. The "Presentation" section displays a slide titled "SLIDE TEST" with the number "01". A green line with dots connects the "Have the floor" button (not visible but implied by the text) to the text input field, and another green line connects the "Presentation" section to the "Write your question" annotation. A keyboard icon is located at the bottom center of the page.

Conference video program

Presentation

SLIDE TEST  
01

Posez une question ou soumettre vos commentaires

Prendre la parole

Write your question

Aide







Pierrefonds-Roxboro station

# Réseau express métropolitain

## Public virtual information meeting

Pierrefonds-Roxboro and Sunnybrooke stations

March 29, 2022

Réseau  
express  
métropolitain



# Agenda



- Welcome and introduction of experts
- Background
- REM in your sector, some reminders
- Work update
- Communication tools
- Question period



**Welcome**



# Background

# Réseau express métropolitain



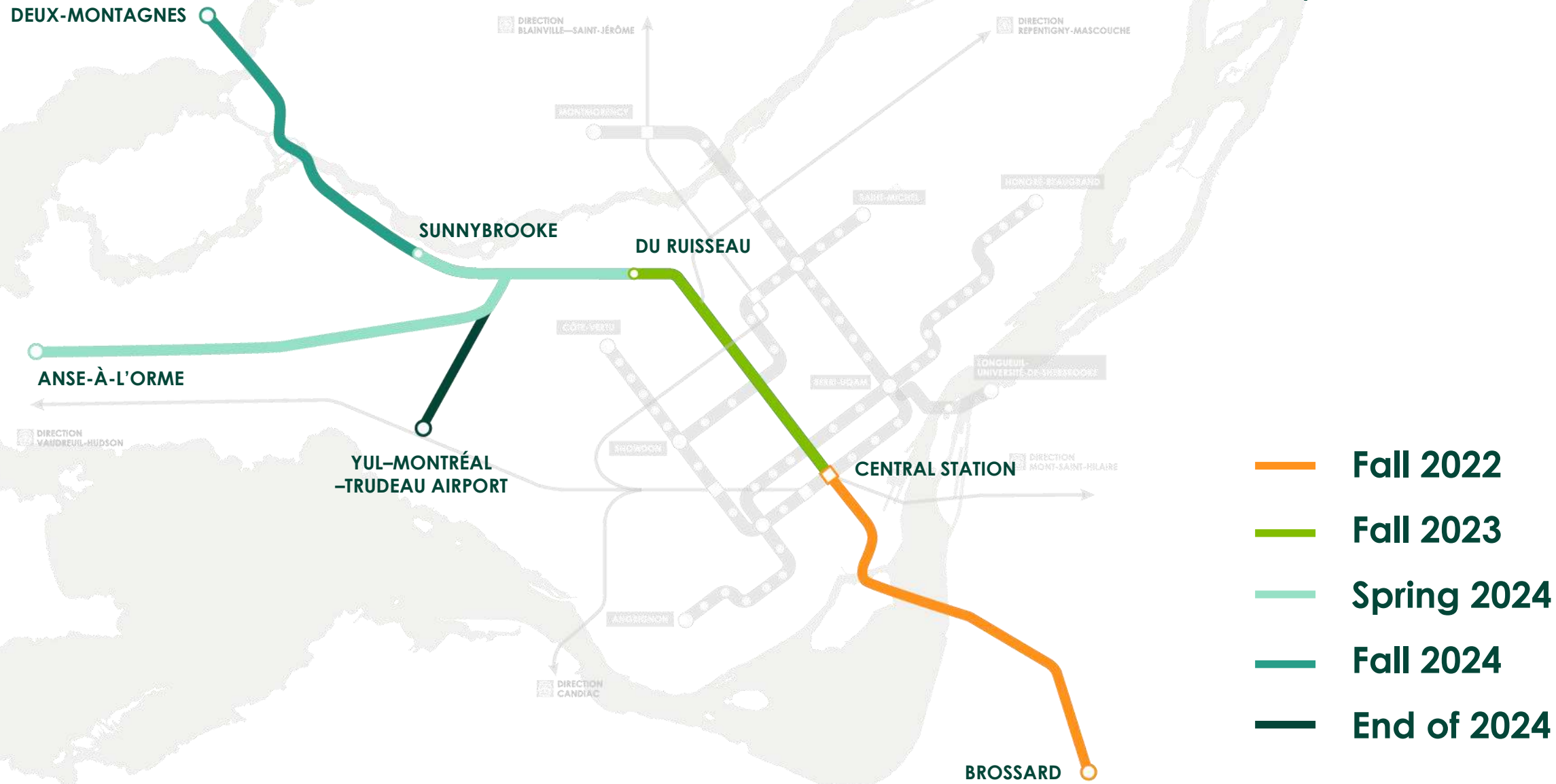
Largest public transit project in Québec in the last 50 years

Light rail  
100% electric  
and automated

26 stations, 67 km

# Updated project schedule

Impact of COVID-19 and issues in the Mont-Royal Tunnel

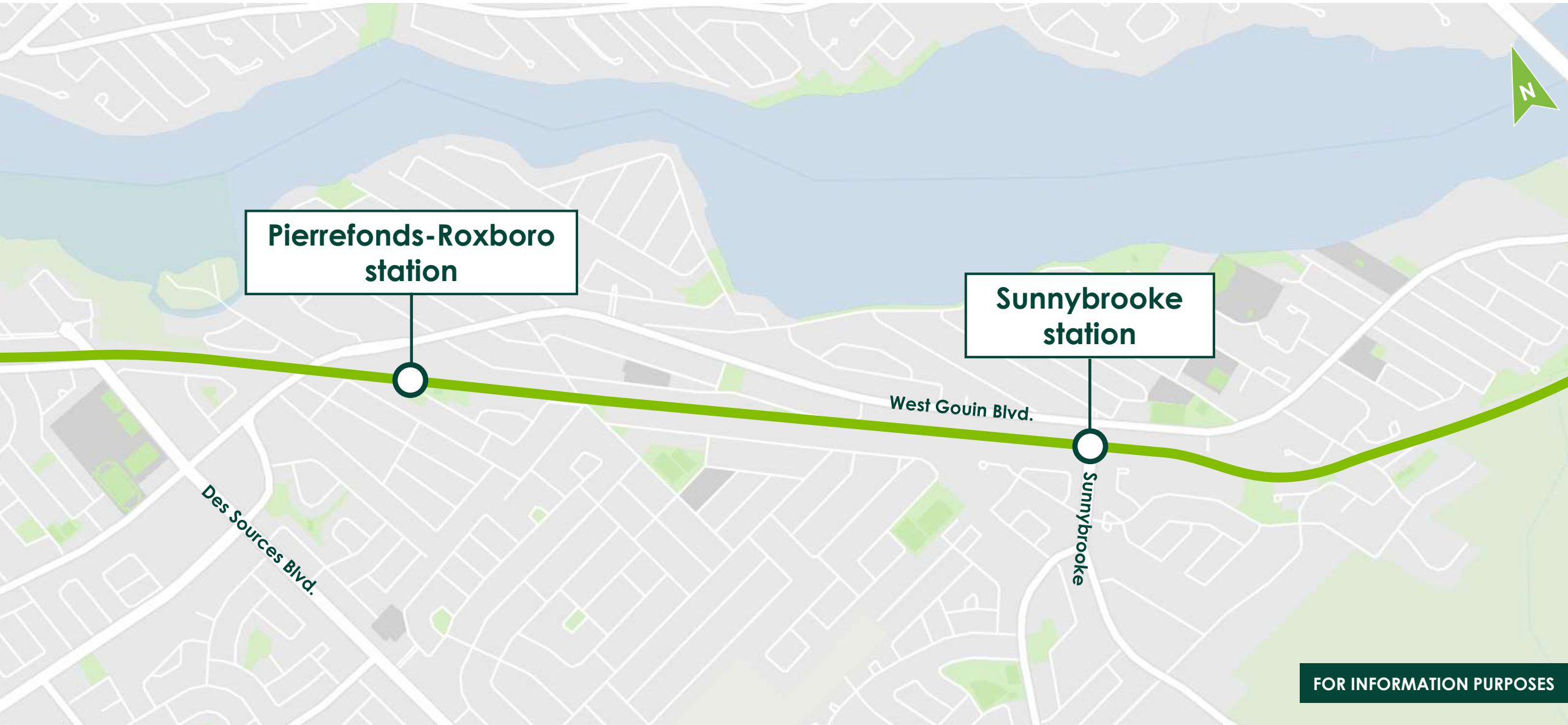






**Some reminders**

# Some reminders



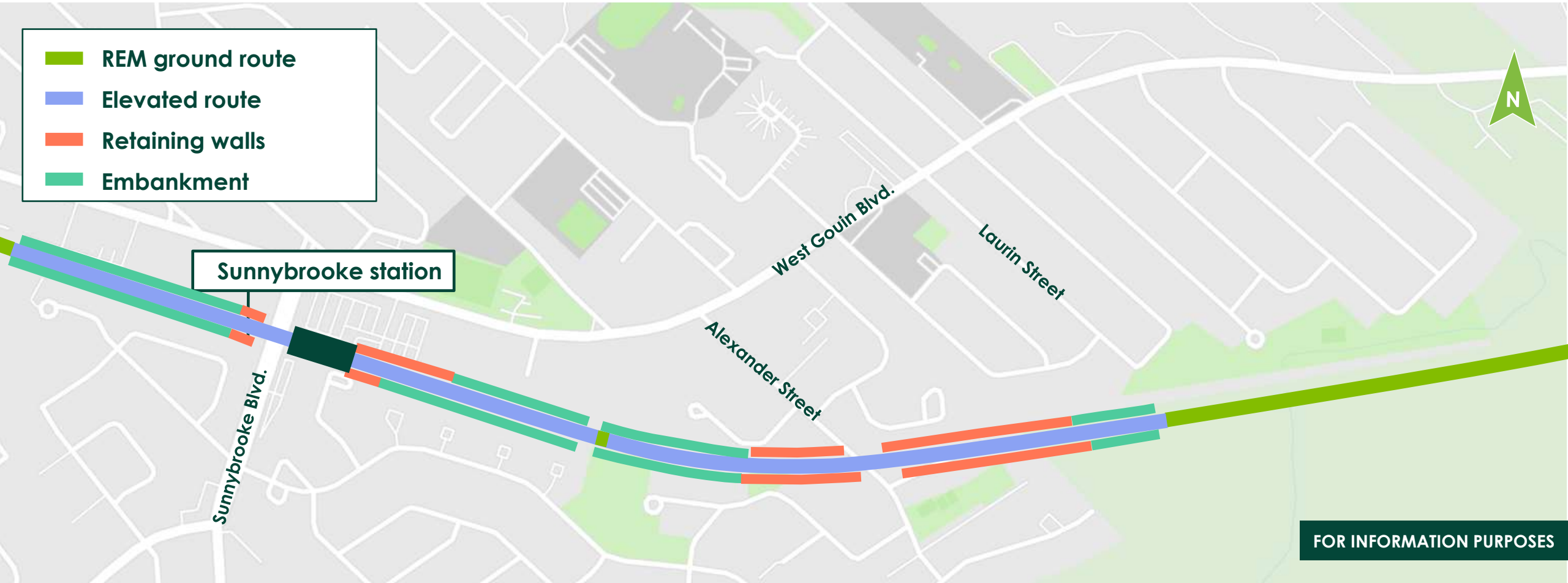
# Sunnybrooke sector



FOR INFORMATION PURPOSES



# Sunnybrooke sector



# Pierrefonds-Roxboro sector





# Pierrefonds-Roxboro sector





# Some reminders

Noise barriers

# Noise barriers



- Installed at locations where significant impacts were identified by sound modelling
- Exterior: 100% PVC, white
- Interior: acoustic insulation
- Prefabricated panels, installed on steel posts

**Railway side**



**Acoustic insulation**



**Prefabricated panels**

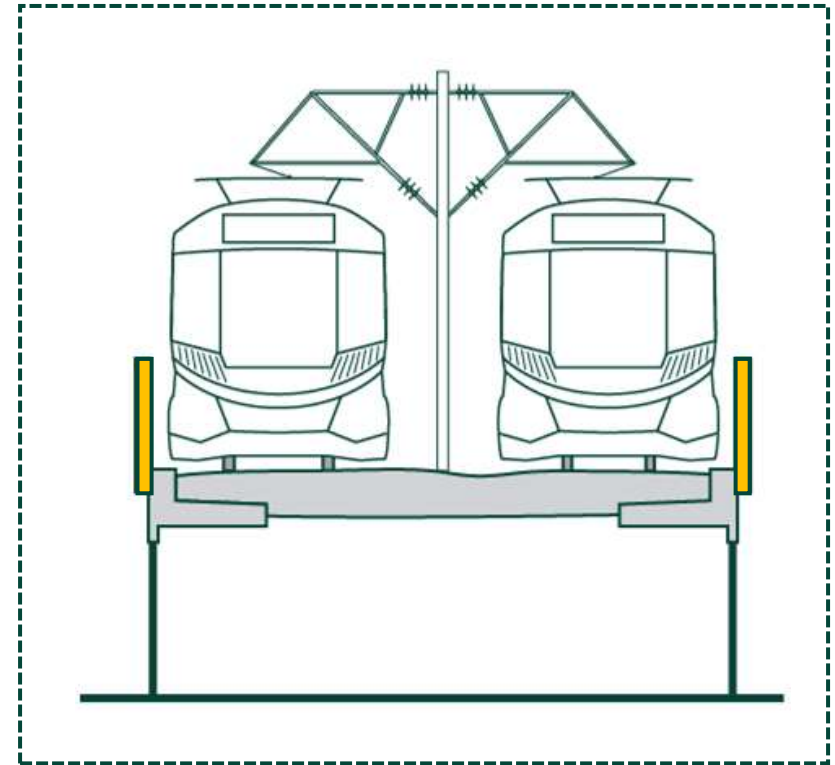
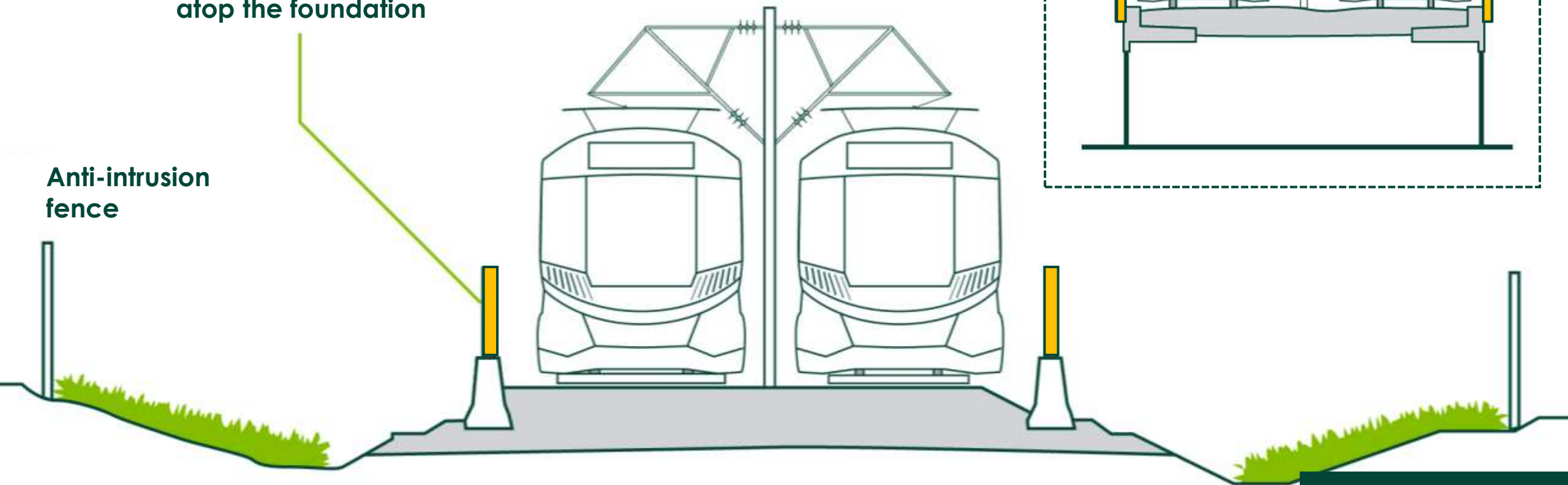


Noise barriers – Cross-section

# Sunnybrook sector

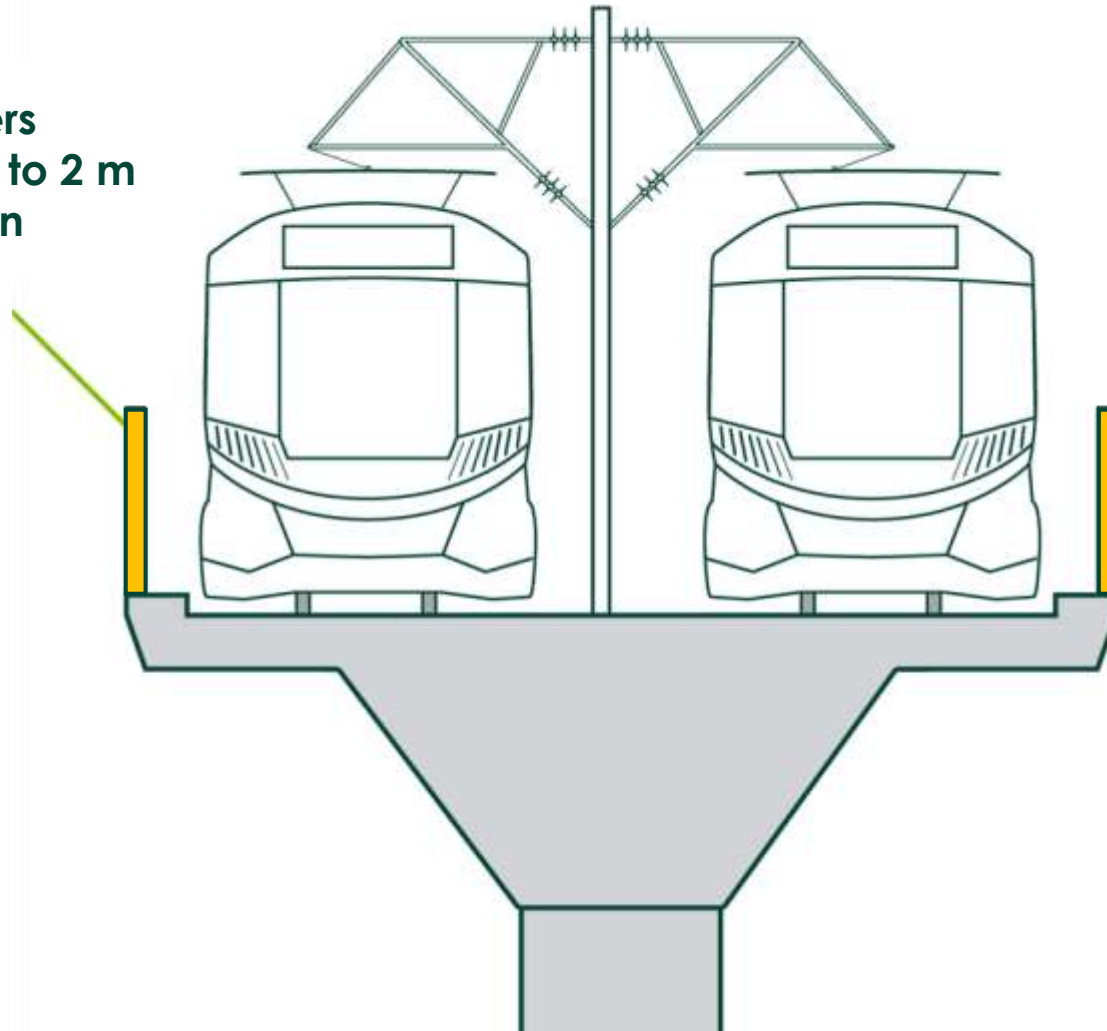
Typical noise barriers  
Varying height, from 1.5 to 2 m  
atop the foundation

Anti-intrusion  
fence



# Pierrefonds-Roxboro sector

Typical noise barriers  
Varying height, from 1.5 to 2 m  
atop the foundation

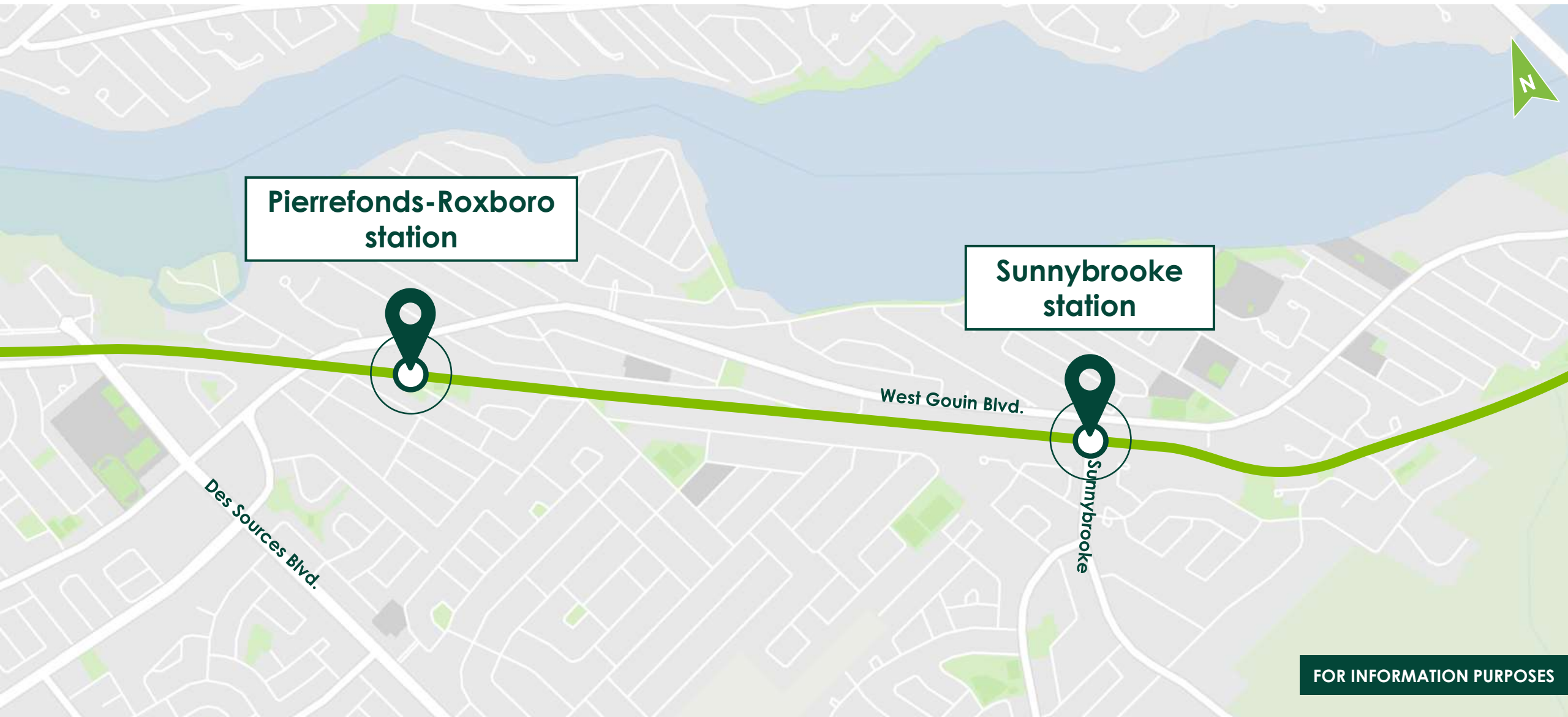






# Work update

# 1 Construction of 2 stations



## 1 Construction of 2 stations

# Sunnybrooke station

## Accomplished in 2021

- Preparatory work (removal of old railway tracks, excavation, driving of 102 piles, south parking)
- Station foundations
  - Construction of 4 columns
  - Beam and deck installation

## Upcoming in 2022

- Continuation of foundation construction – *Winter/Spring*
- Installation of the steel structure and envelope – *Spring/Summer*
- Interior design – *Summer/Fall*





**1** Construction of **2 stations**

# Pierrefonds-Roxboro station

## Accomplished in 2021

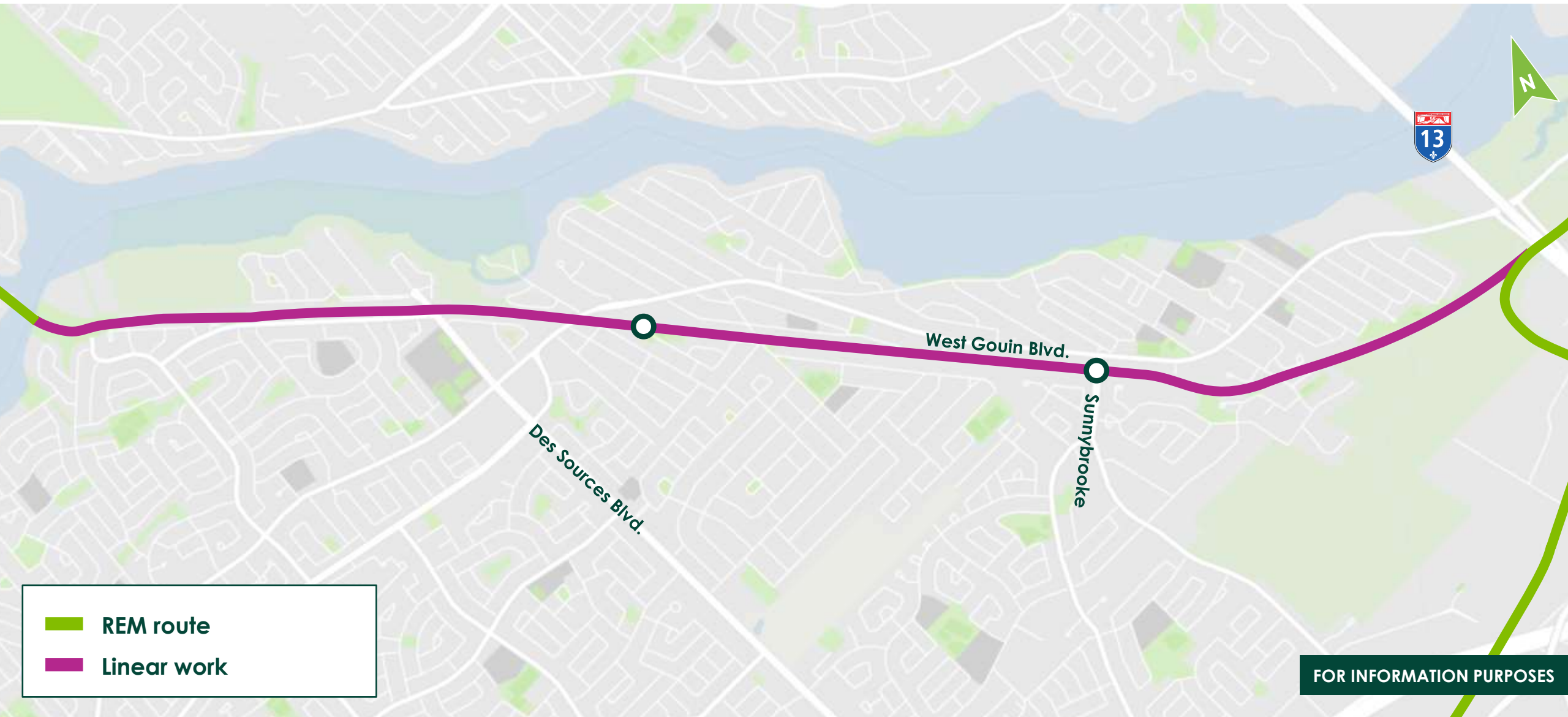
- Preparatory work (removal of old tracks, excavation)
- Station foundations
  - Construction of 5 columns

## Upcoming in 2022

- Continuation of foundation construction – *Winter/Spring*
- Installation of the steel structure and envelope – *Spring/Summer*
- Interior design – *Fall*



## 2 Work in the railway right-of-way



- REM route
- Linear work

FOR INFORMATION PURPOSES



## 2 Work in the railway right-of-way

# Line work

## Accomplished in 2021

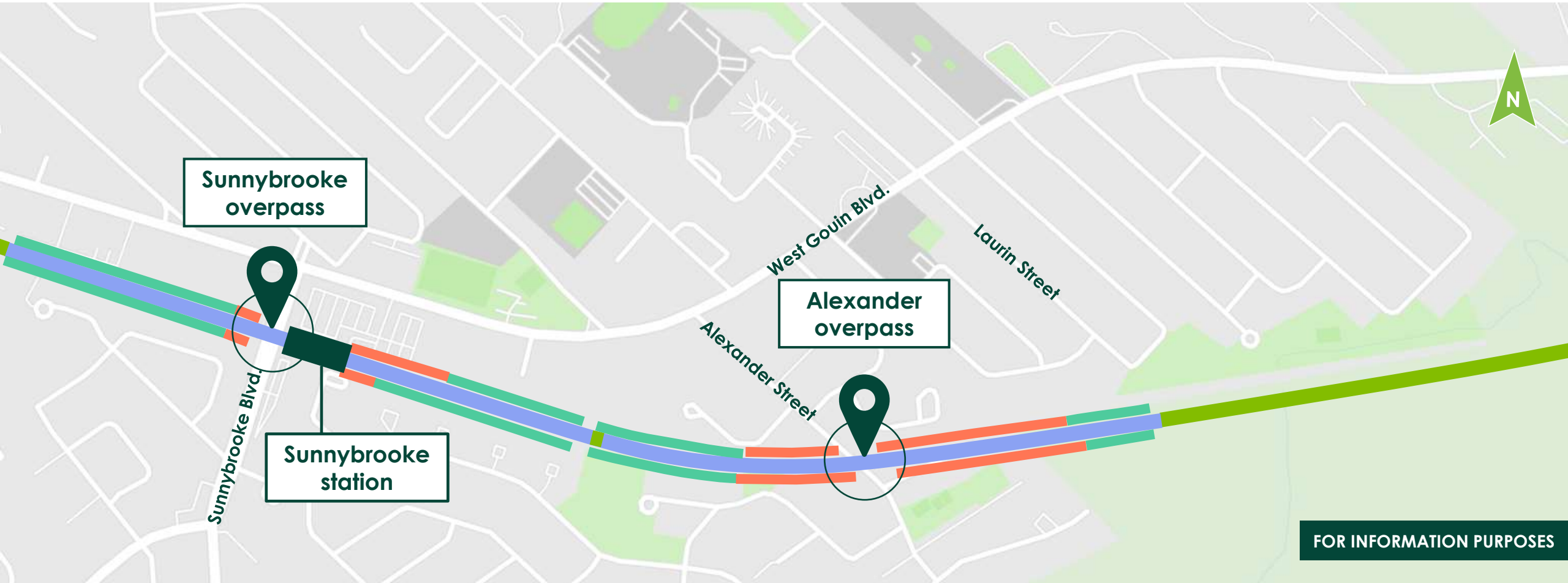
- Removal of existing infrastructures (tracks, electrical systems, fences, catenary supports, etc.)
- Installation of anti-intrusion fences, drainage, public utilities and catenary bases
- Installation of the Perron Street crossing
- Preparation to widen tracks (backfill)

## Upcoming in 2022

- Completion of the installation of fences, foundations for noise barriers, drainage and public utilities – *Winter/Spring*
- Installation of new railway infrastructure – *Summer/Fall*



# 3 Construction of railway overpasses





### 3 Construction of railway overpasses

# Alexander overpass

## Accomplished in 2021

- Overpass foundations
  - Construction of 8 columns
  - Construction of approaches (retaining walls)
- Installation of the beams

## Upcoming in 2022

- Finishing of approaches and deck – *Winter/Spring*
- Connection of public utilities – *Summer*
- Final paving and marking – *Summer*





### 3 Construction of railway overpasses

# Sunnybrooke overpass

## Accomplished in 2021

- Overpass foundations
  - Construction of the 3 columns
  - Construction of approaches (retaining walls)
- Lowering the road level
- Connection of public utilities
- Beam and deck installation

## Upcoming in 2022 – *Summer*

- Finishing of the central median and east sidewalk
- Final paving and marking



**1 2 3** Stations, right-of-way and railway overpasses

# Main anticipated impacts in 2022

## Impacts

- The work could cause noise, dust and occasional vibrations
- Partial and complete road closures

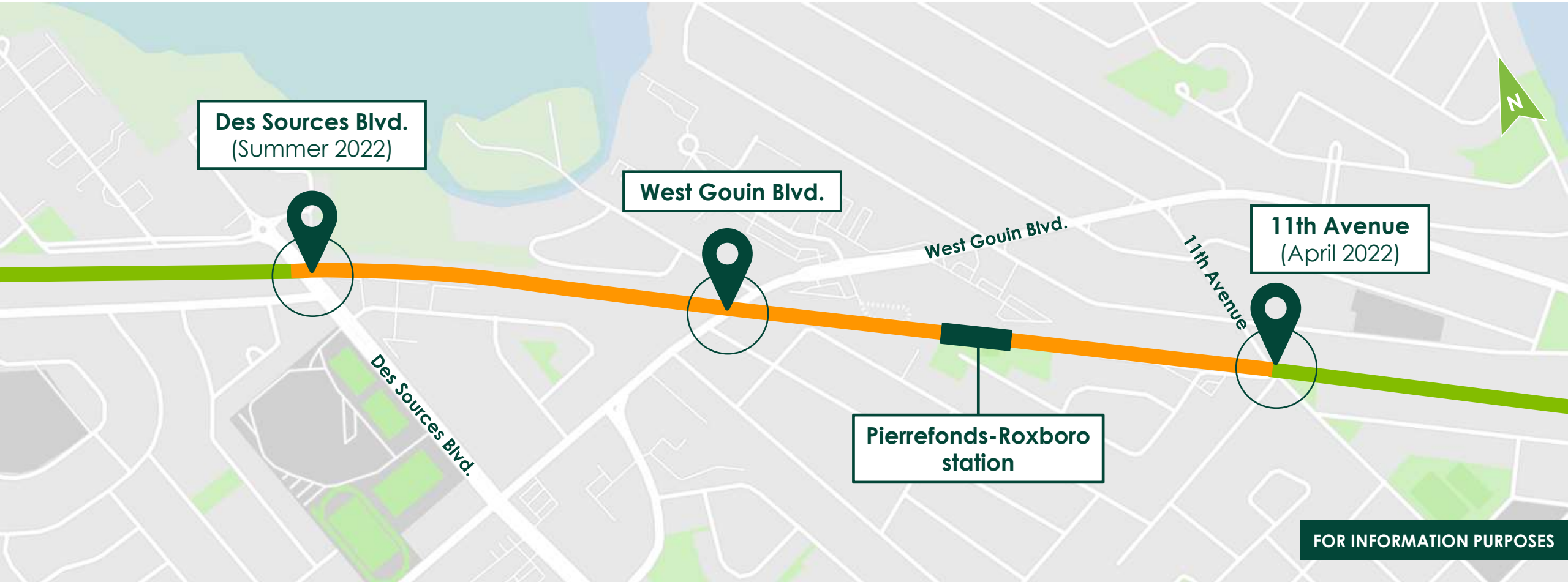
## Mitigation measures

- Environmental monitoring (noise, vibration)
- Noise barriers and white-noise backup alarm where possible
- Sprinklers and the application of dust suppressants
- Detours or detour lanes set up





# 4 Construction of the **elevated structure**



#### 4 Construction of the **elevated structure**

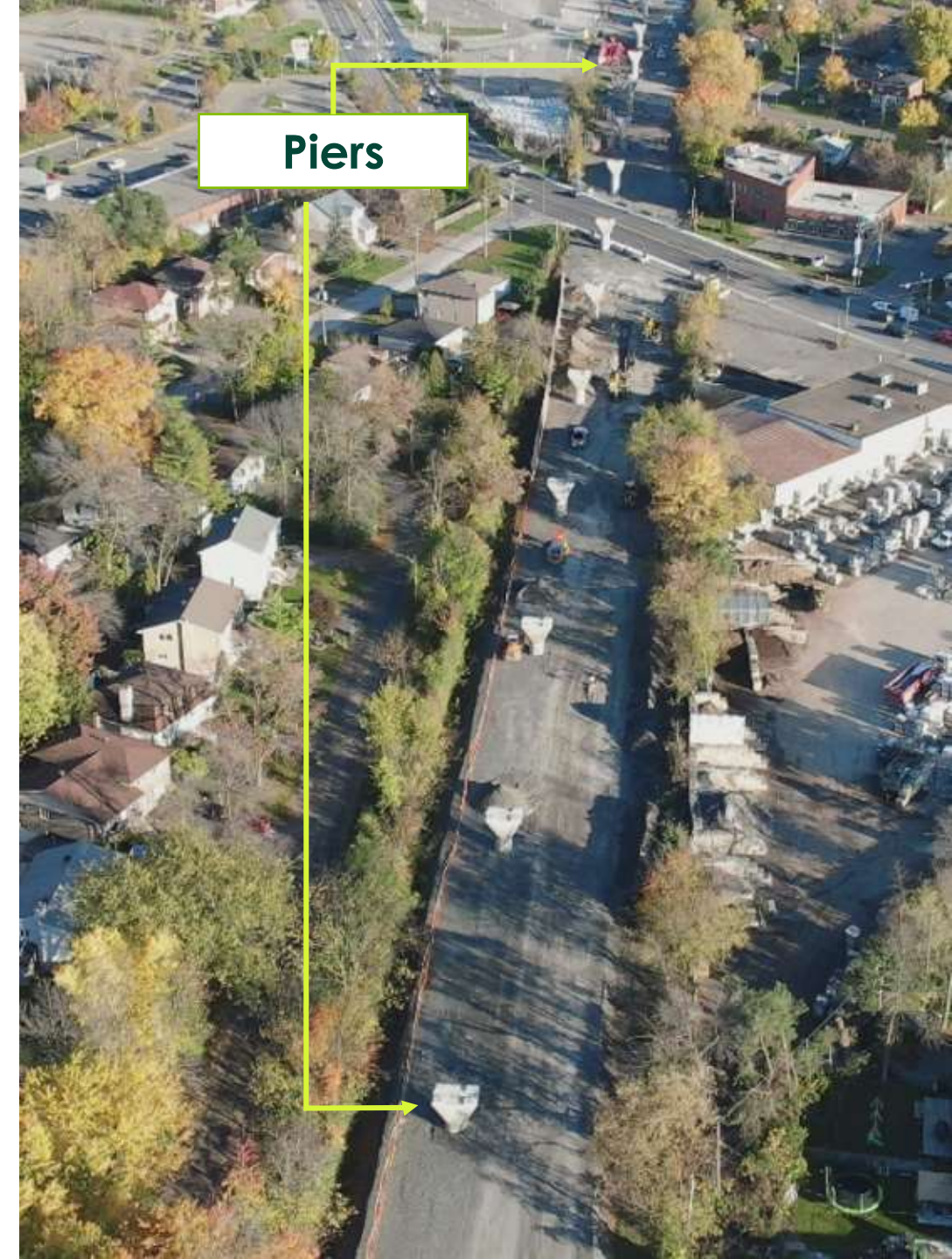
## Elevated structure

### Accomplished in 2021

- Foundations of the elevated structure
  - Construction of 45 columns
- Delivery of the launching gantry

### Upcoming in 2022

- Construction of approaches (retaining walls) at 11th Avenue and Des Sources Blvd. – *Winter/Summer*
- Installation of concrete segments – *Spring/Summer*
  - 21 weeks total





## 4 Construction of the **elevated structure**

# Launching gantry



# The gantry in a picture



#### 4 Construction of the **elevated structure**

## An effective, proven method

- Asked a specialized team dedicated to this equipment
- Technique that enables work to progress quickly in a single step
- Used elsewhere in the world on major construction projects



#### 4 Construction of the **elevated structure**

## Comparison

# 3 YEARS

to complete the elevated structure for the Anse-à-l'Orme branch,  
**with 2 launching gantries**



# 13.5 KM

OF ELEVATED  
STRUCTURE



# 345

BAYS COMPLETED  
SINCE 2019



# 3,860

CONCRETE SEGMENTS  
INSTALLED  
SINCE 2019

### Advantage



# 2 DAYS

ON AVERAGE TO  
ASSEMBLE A SPAN

VS.



# 3 WEEKS

FOR EACH SPAN  
**WITHOUT** USING THE  
LAUNCHING GANTRY

## 4 Constructed **elevated structures**

# Anticipated impacts

## Impacts

- Work planned day and night, including weekends, except:
  - Break from Saturday 5 p.m. to Sunday 5 p.m.
  - Break during the construction holiday
  - At the Pierrefonds-Roxboro station (1 month)
- The work could cause noise
  - Alarm required during the lifting of concrete segments
- Level crossing obstructions (11th Avenue, Gouin Blvd. and Des Sources Blvd.)

## Mitigation measures

- Environmental monitoring and raising worker awareness
- White noise back-up alarm when possible
- Daytime deliveries
- Detours or detour lanes set up





## 4 Constructed **elevated structures**

# Anticipated impacts

### Other measures

- Gantry alarm tests and adjustments to limit its impact
  - Tests conducted on the evening of March 22
- Specific approach developed for local residents along the railway right-of-way
  - Door-to-door tour in the week of March 14
  - Virtual meeting with local residents on March 22
- Gantry launch and daytime lifting tests
  - Mobilization in the week of March 28
  - First daytime lifting tests from March 30 to April 2



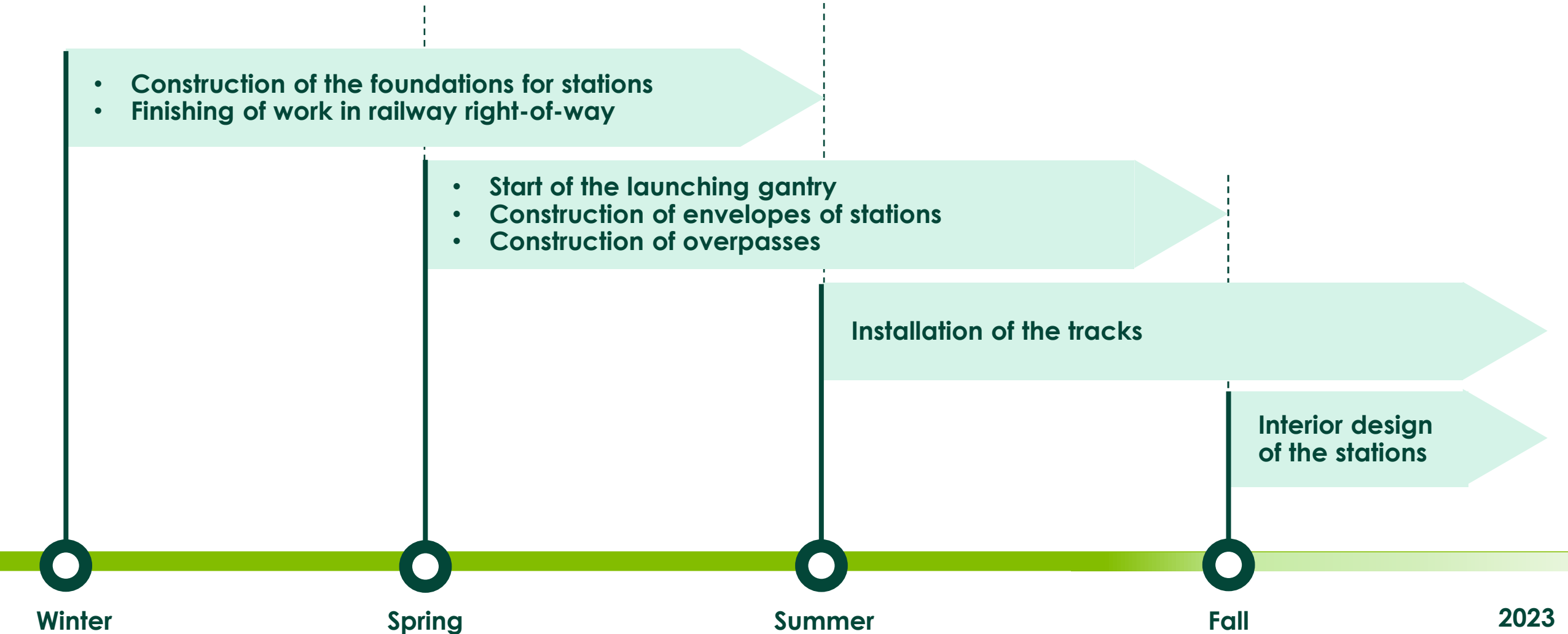


# Preliminary gantry schedule



# 2022 summary – Work schedule

Pierrefonds-Roxboro borough





# Communication tools

# For information on upcoming work



## Information in one place

[rem.info/en/west-montreal-airport](http://rem.info/en/west-montreal-airport)



## For any questions, suggestions or complaints

1 833 rem-info or [info@rem.info](mailto:info@rem.info)



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upcoming work

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## Questions?

For any further questions:

[info@rem.info](mailto:info@rem.info)

 rem\_metro

 REM – Réseau express métropolitain

 REMgrandmtl

 1 833 rem-info  
(1 833 736-4636)

 info@rem.info

[rem.info/en](https://rem.info/en)

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