

Station Pierrefonds-Roxboro



# Arrival of the Launching Gantry

Pierrefonds-Roxboro  
area station

Neighbourhood meeting  
November 18, 2021, at 6 p.m.

Réseau  
express  
métropolitain



# Virtual meeting on Microsoft Teams

## During the meeting



Mute your microphone



Turn on your video

## During the question period



Raise your hand  
if you want to talk



When you are called on, turn on your  
microphone to ask a question or  
make a comment

# Agenda



- Launching gantry
- Details on travel up to Pierrefonds-Roxboro
- Elsewhere on the network
- Question and discussion period

# Recap



**2021:** Construction of the pillars for the overhead structure and mobilization of the launching gantry.

**2022:** Construction of the station (foundation and steel structure), continuation of the overhead structure construction. Installation of electrical rails and systems

**2023:** Interior layout of the station, installation of rails and electrical systems

**2024:** Tests on the tracks and start-up





# Launching gantries: an unprecedented construction method in Québec



# An effective and tested method



- Relies upon a specialized team specifically dedicated to this equipment
- A technique that allows the work to progress rapidly
- Used elsewhere in the world on large-scale construction sites





# A comparison with statistics for the Anse-à-l'Orme branch

**13.5**

KM OF OVERHEAD STRUCTURE  
ON THE ANSE-À-L'ORME BRANCH

**366**

NUMBER OF BAYS COMPLETED  
SINCE THE START OF THE  
TWO LAUNCHING GANTRIES

**4102**

VOUSSOIRS INSTALLED  
SINCE THE START OF THE  
LAUNCHING GANTRIES

**2** YEARS

TIME TO COMPLETE  
THE OVERHEAD STRUCTURE OF  
THE ANSE-À-L'ORME BRANCH

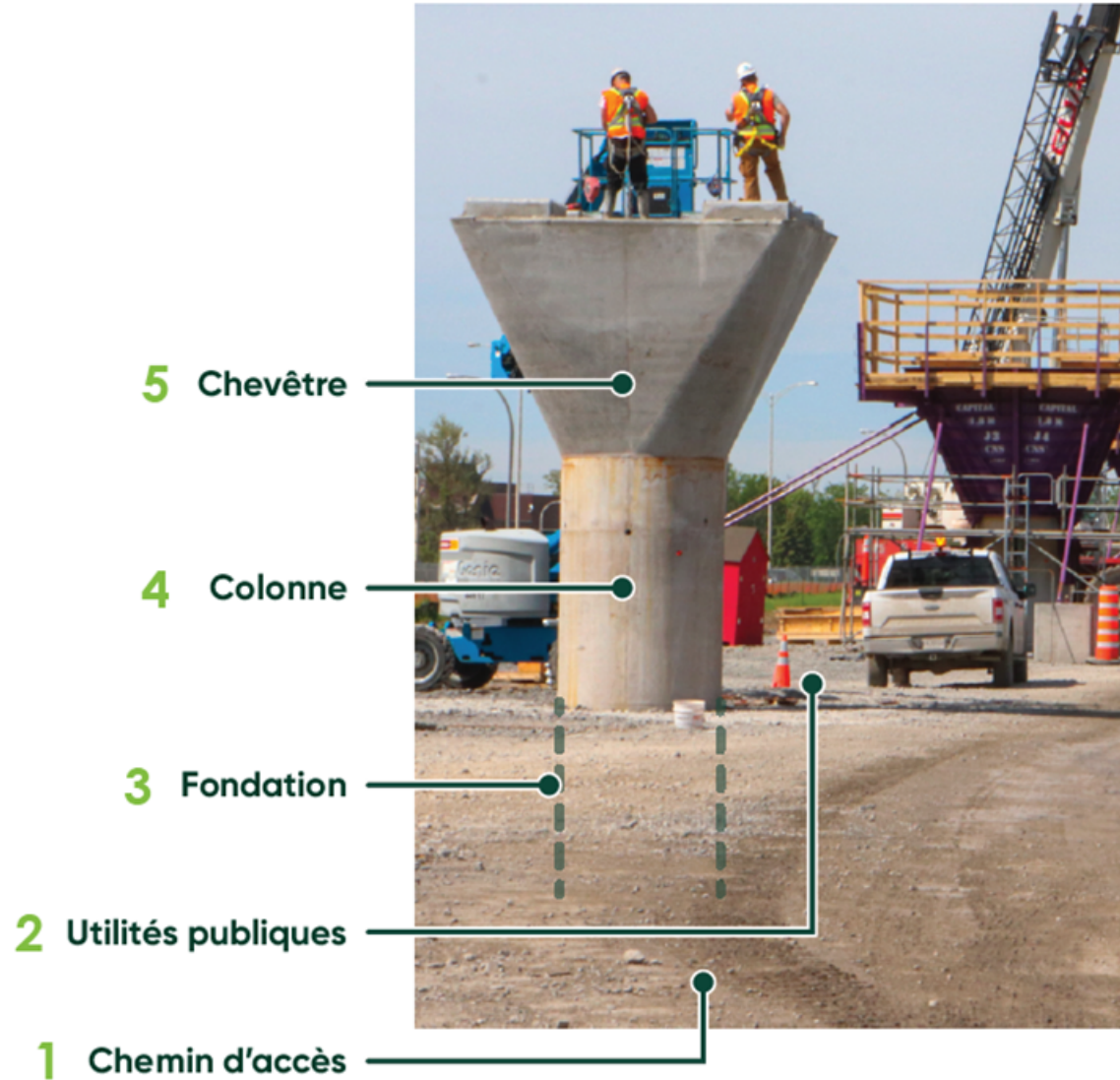
**2** days

AVERAGE TIME  
TO BUILD A BAY

**3** WEEKS

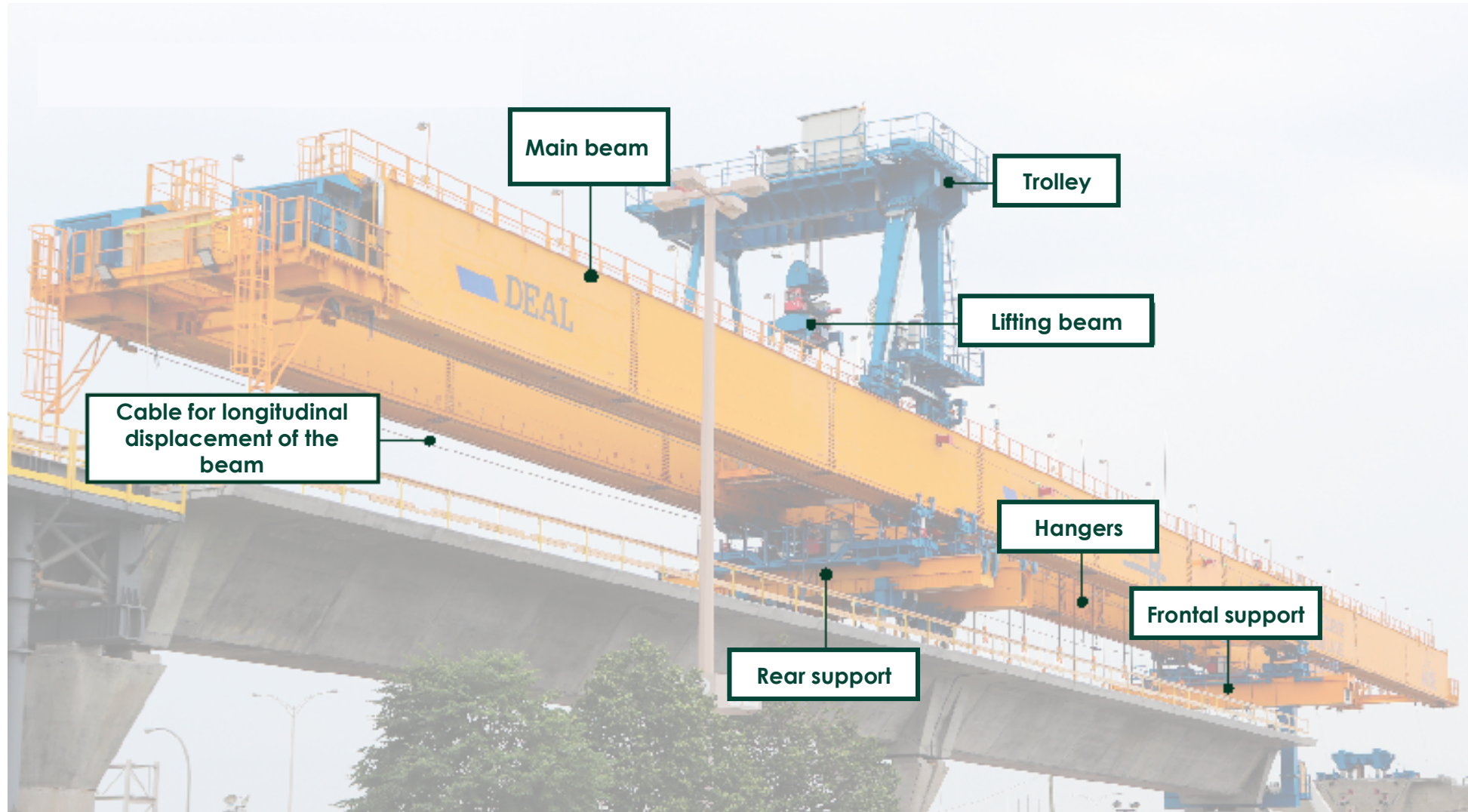
TIME TO BUILD A BAY  
WITHOUT THE USE OF  
A LAUNCHING GANTRY

# Recap





# Launching gantry





# Details on travel

from Sainte-Anne-de-Bellevue  
to Pierrefonds-Roxboro

# Launching gantry arrival



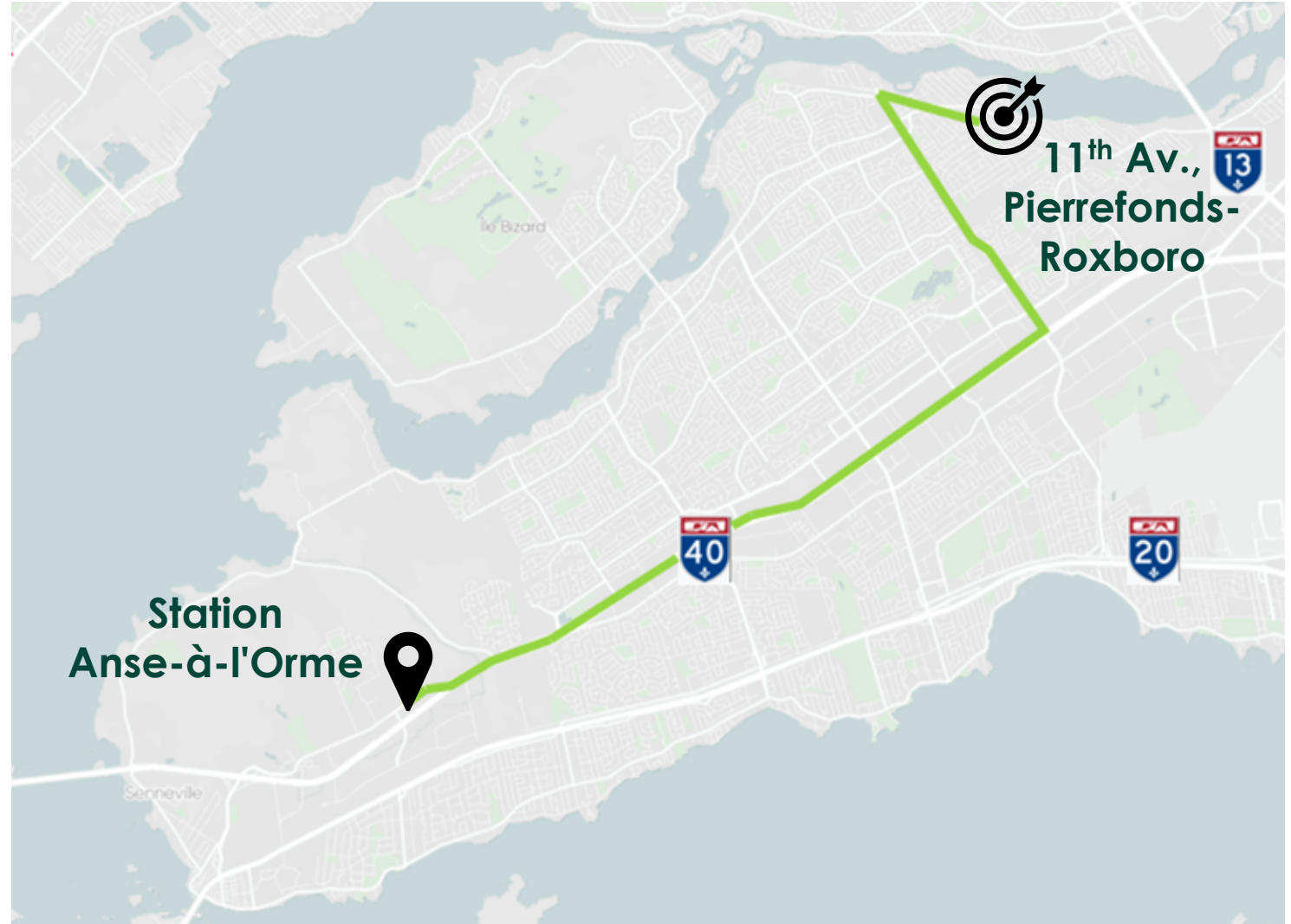
## Origin:

Anse-à-l'Orme Station



## Destination:

11<sup>th</sup> Avenue  
right-of-way



# Exceptional transportation



- **Non-standard structure delivery**  
(86-m steel beams)
- **Transport made possible by specialized equipment:**  
the self-propelled modular trailer
- Expert-driven system for complex deliveries





# Transfer stages



1. Launching gantry advantages
2. Retraction and segmentation of main beams
3. Transportation of beams to 11<sup>th</sup> Avenue
4. Launching gantry arrival
5. Winterizing the gantry



# Road obstructions

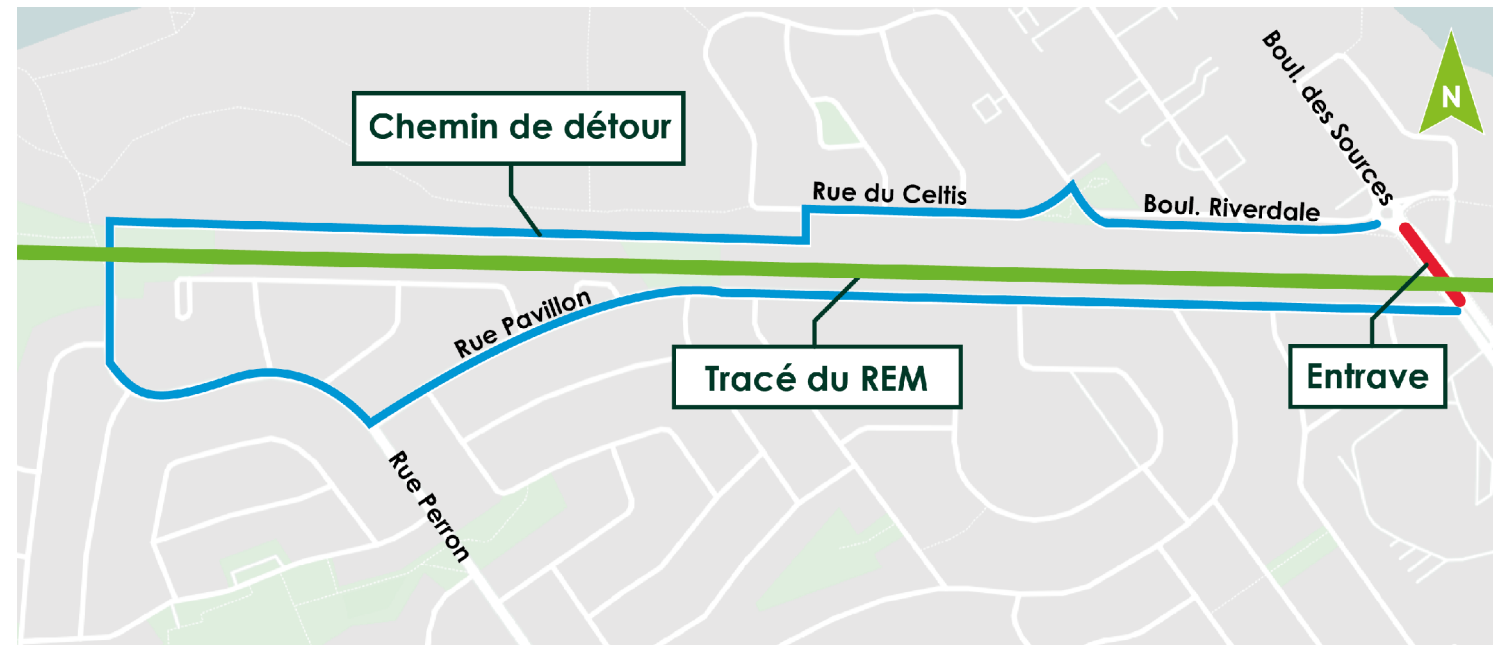
1. **Friday November 19 to Saturday November 20 (10:00 p.m. to 10:00 p.m.)** – Complete closure of a portion of Ste-Marie Road (pedestrian and cyclist shuttle)
2. **Monday November 22 (10:00 p.m. to 5:00 a.m.)** – Complete closure of A40 West at night between St-Jean Blvd. and the Ste-Marie Road overpass
3. **Tuesday November 23 and Wednesday November 24 (10 p.m. to 5 a.m.)**
  - I. Complete closure of A40 West at night, between A13 and St-Jean Blvd.
  - II. Partial obstruction of Sources Boulevard North with escorts and police
  - III. Short-term complete closure of the crossing at Sources Blvd.
4. **Wednesday, November 24 and Thursday, November 25 (between 9:00 a.m. and 3:00 p.m.)** – Short-term (max 6 min.) temporary obstructions of Gouin Blvd. West and 11<sup>th</sup> Ave.
5. **Early December** – Partial blockage of 11<sup>th</sup> Ave. for approximately one week

# Road obstructions



## Short-term complete closure of the Sources Boulevard crossing:

- Tuesday November 23 and Wednesday November 24, between 10 p.m. and 5 a.m.
- For approximately 1 hour
- Sidewalk maintenance
- **Automobile detour** created by Pavillon Street, Perron Street, Celtis Street, and Riverdale Boulevard





**Elsewhere on  
the network**



# Major achievements in 2021



To be discussed with Judith

Installation of the tracks

Overhead structure construction

Testing on the rails



# Photos of work in progress





**Tools available to you**

# For information on upcoming work



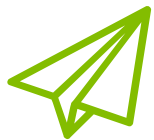
Information in one place

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



For any questions, suggestions or complaints

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



Subscribe to newsletters for your sector

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



Consult our Works info

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



# Control measures

- Operations controlled by strict measures approved by the appropriate authorities

Ongoing noise level monitoring

Ongoing air quality monitoring



# Next meeting



**Public information meeting  
Upcoming work in 2021**

**Early 2022 - date to be determined**

 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)

Réseau  
express  
métropolitain



# Question and discussion period



**Questions?**

**For any other questions afterwards:**  
[info@rem.info](mailto:info@rem.info)



# Work details for Pierrefonds-Roxboro Station