



# Media Briefing October 2019

Overview of REM's  
Construction Sites

Réseau  
express  
métropolitain



# Agenda

- The REM Project
- Project Scope and Challenges
- Major Accomplishments in 2019
- South Shore/Downtown Sector
  - Nature of the work and monitoring of progress in the sector
  - Video of the representative segment
  - Phases prior to the handover of the representative segment
- Question & Answer Period



# The REM Project

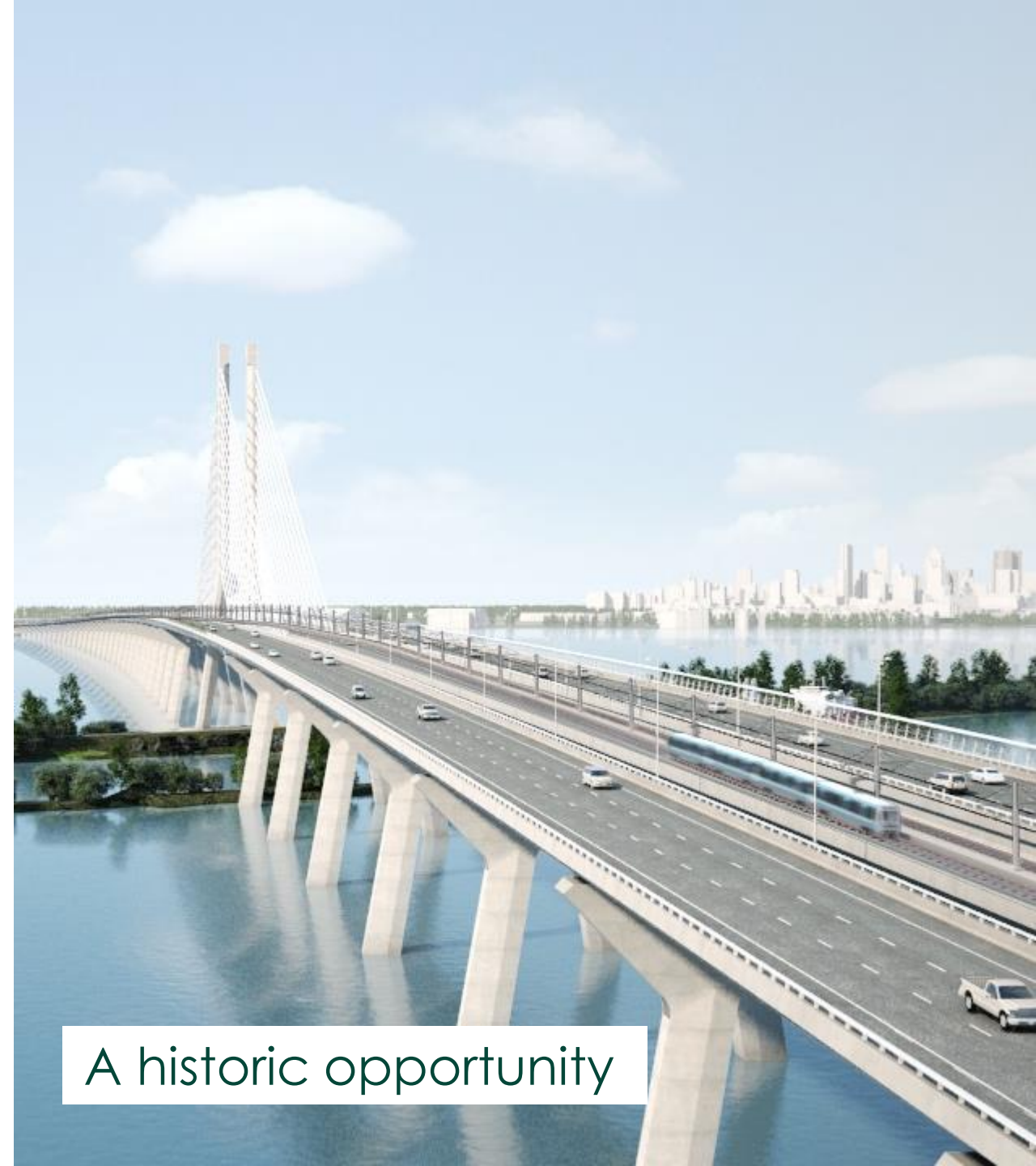




# Origins



A saturated method of transit

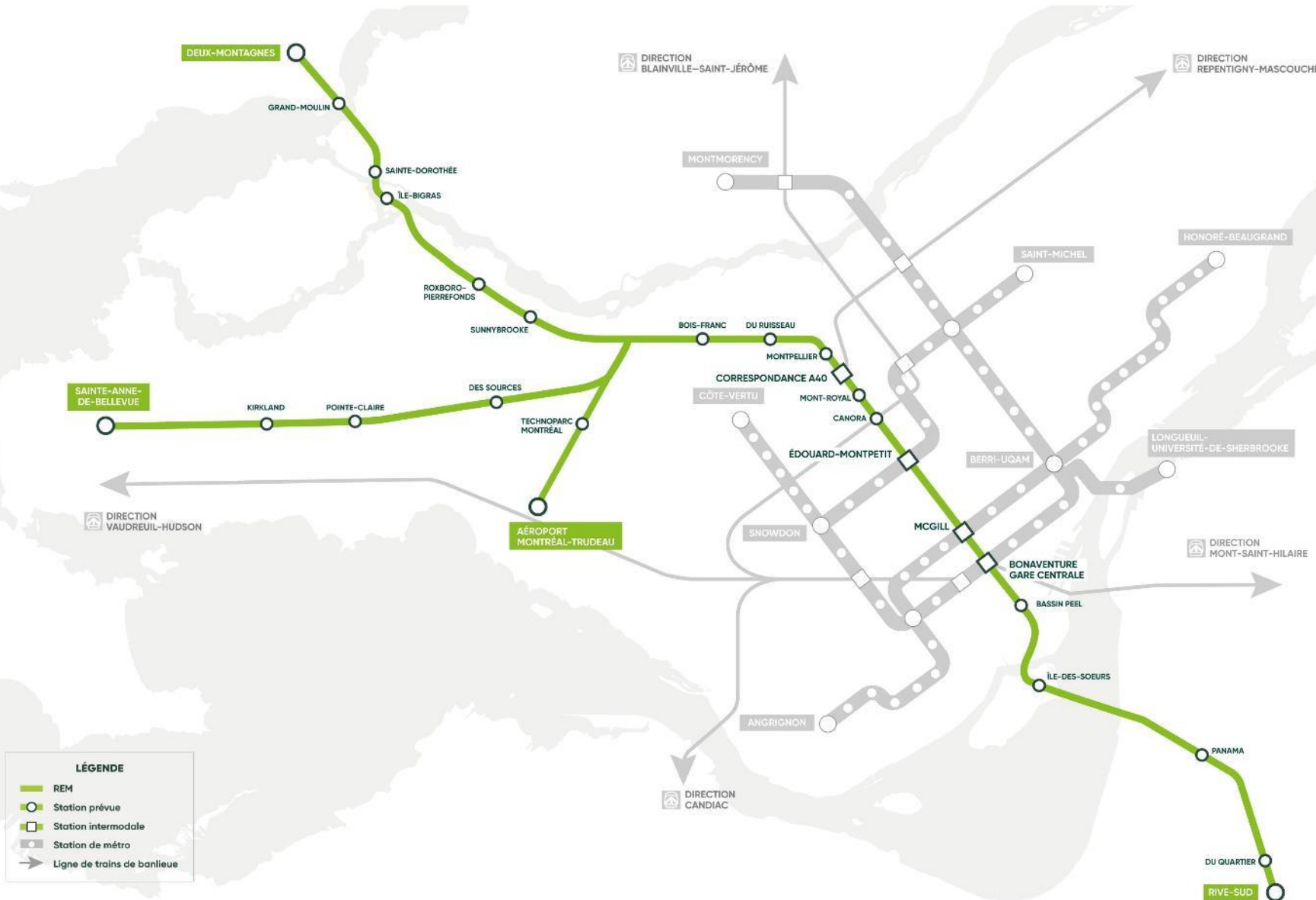


A historic opportunity



# Project

5



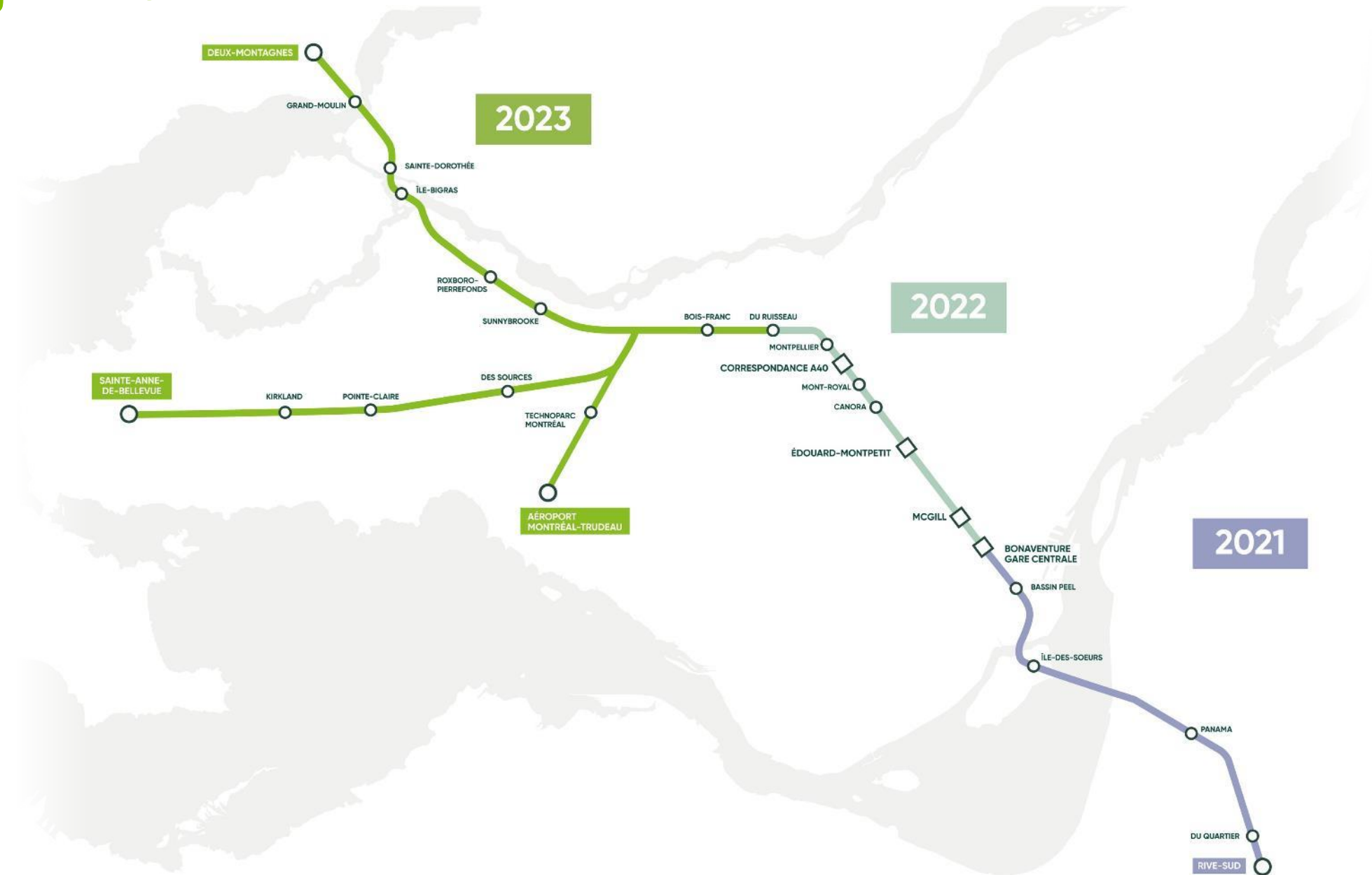
**100% automated  
light rail project**

**67 km** of track

**26 stations**  
in the Greater Montréal  
area

**3 connections**  
to the Montréal métro

# Project Schedule





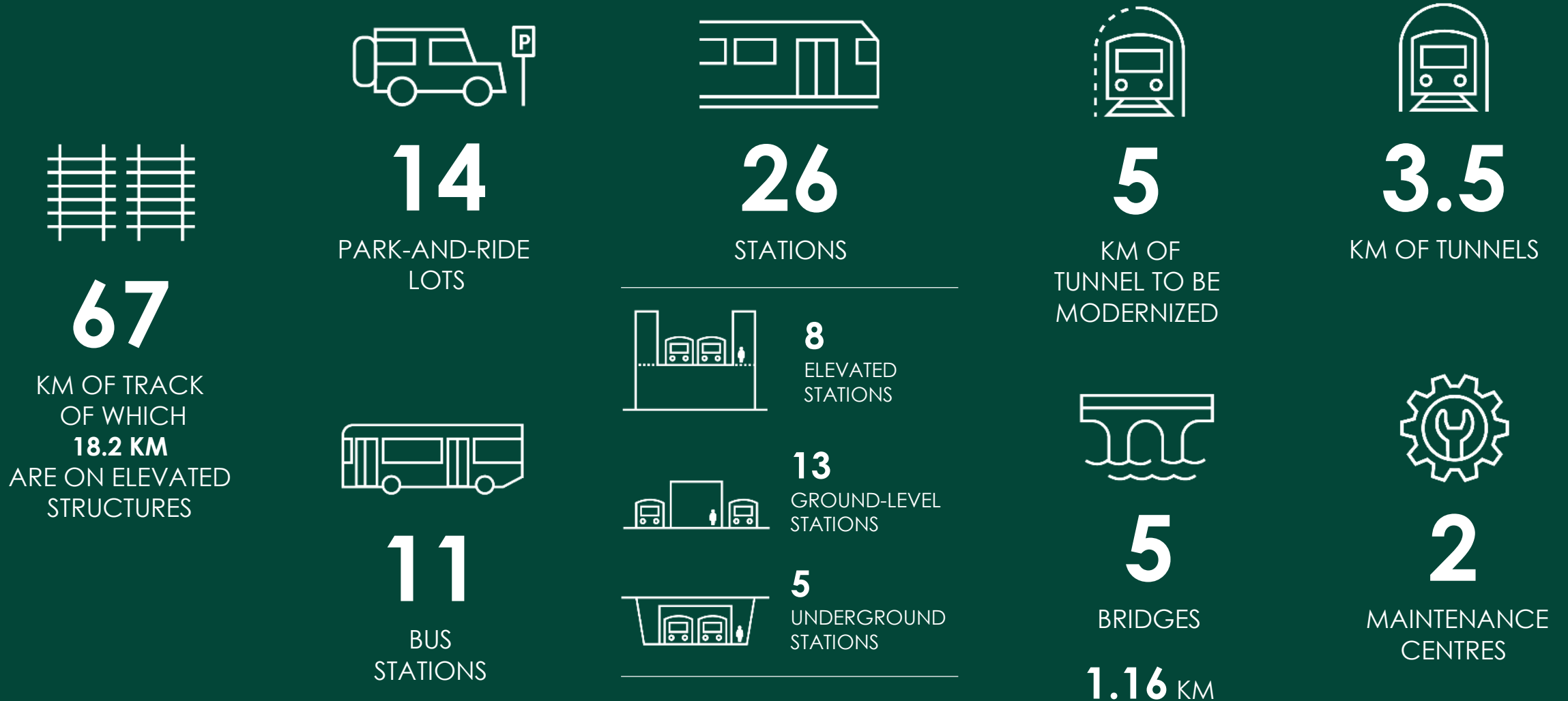


# Project Scope and Challenges



# Scope of the Work to Perform

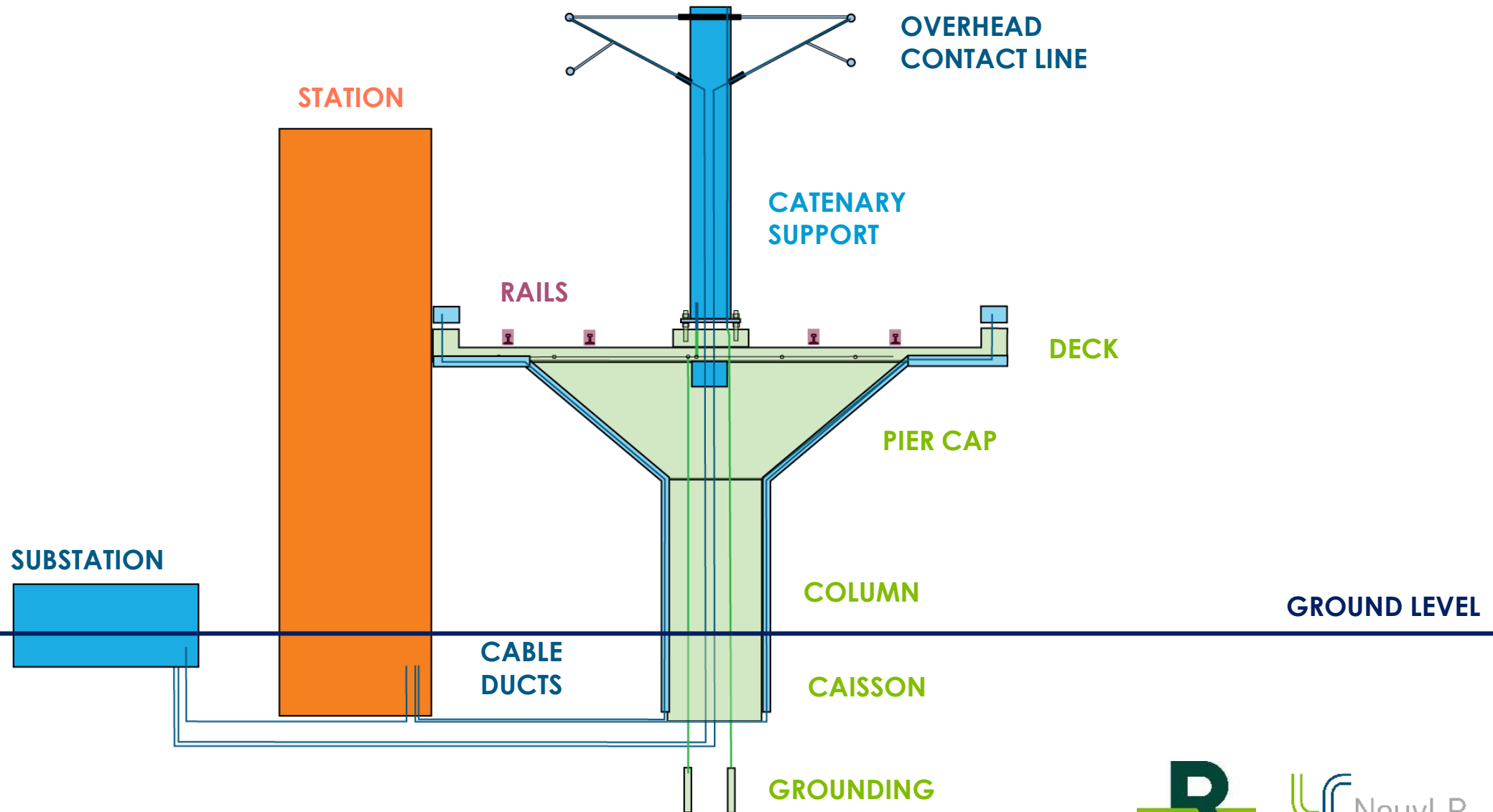
8





# The System

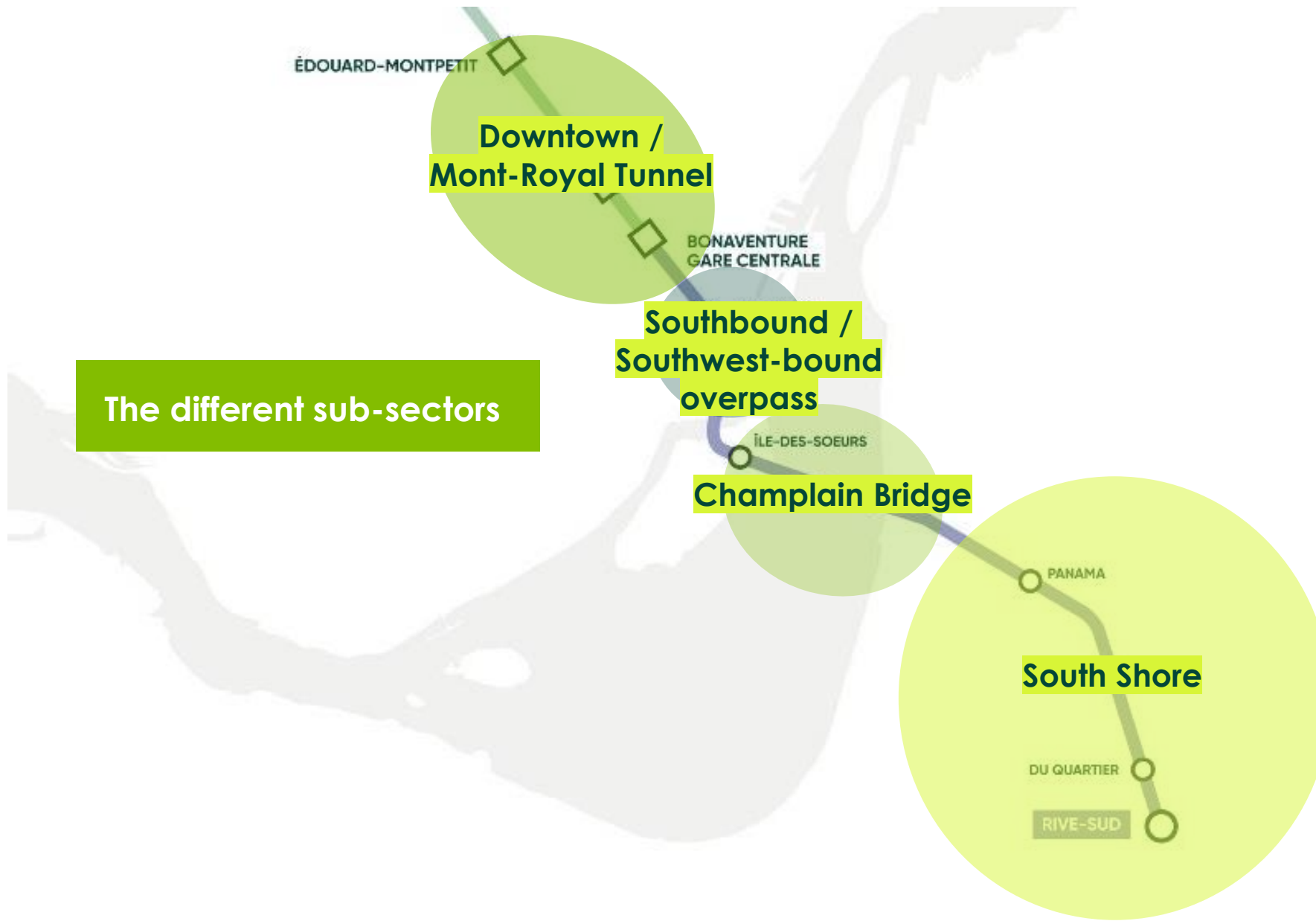
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# Challenges and Issues



## Linear project

A 67-km route, which is almost as long as the Montréal metro

## Construction sites on the construction site

## Many different trades

Thousands of workers, experts and professionals

Coordination with 11 municipalities, 8 boroughs and 5 public transit authorities



# Major Accomplishments in 2019





July 17, 2018

## **SOUTH SHORE**

FIRST CONSTRUCTION SITE ON THE  
SOUTH SHORE OPENS AND FIRST PILE  
IS PLACED







November 12, 2018

**SOUTH SHORE**

PILE DRIVING BEGINS  
AT THE DU QUARTIER STATION







March 11, 2019

### **SOUTH SHORE**

SOUTH SHORE MAINTENANCE CENTRE:  
FOUNDATION CONSTRUCTION BEGINS







July 18, 2019

**SOUTH SHORE**  
TRACK INSTALLATION  
BETWEEN PANAMA AND  
DU QUARTIER BEGINS





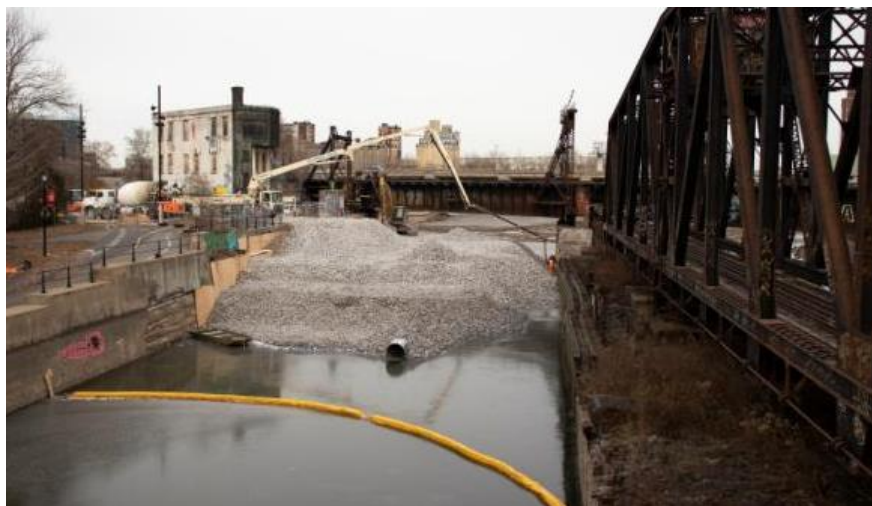


October 3, 2018

**VIADUC SUD/SUD-OUEST SUB-SECTOR**  
CONSTRUCTION OF FONDATIONS  
AT POINTE-SAINT-CHARLES







October 31, 2018

**VIADUC SUD/SUD-OUEST SUB-SECTOR**  
LACHINE CANAL  
BACKFILLING WORK





January 5, 2019

**DOWNTOWN/MONT-ROYAL TUNNEL  
SUB-SECTOR**

EXCAVATION FOR THE MCGILL STATION  
PEDESTRIAN TUNNEL BEGINS

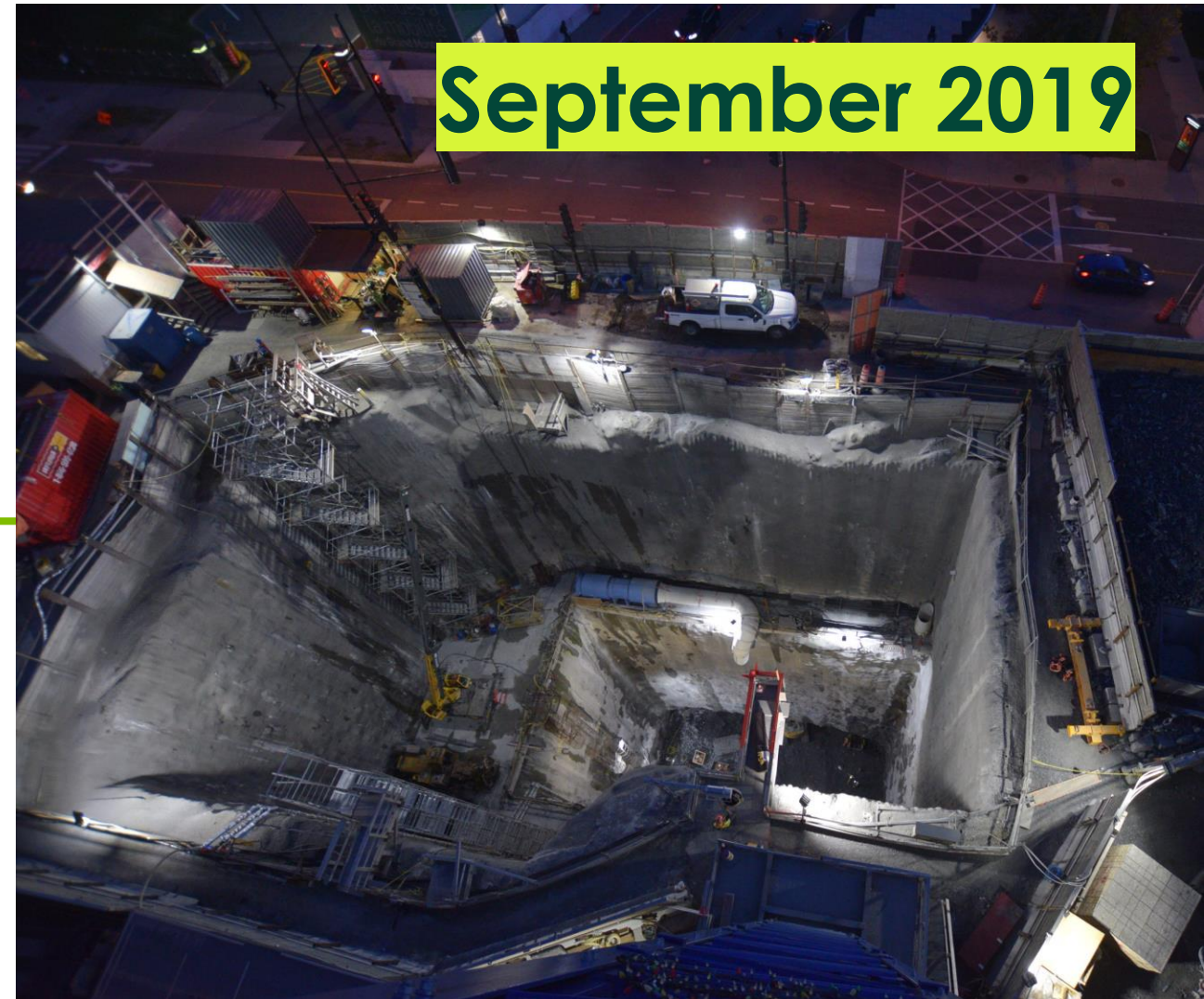




# October 22, 2018

## DOWNTOWN/MONT-ROYAL TUNNEL SUB-SECTOR

## ÉDOUARD-MONTPETIT STATION: EXCAVATION BY CONTROLLED BLASTING BEGINS







July 16, 2018

### DEUX-MONTAGNES

FIRST CONSTRUCTION SITE OPENS  
AND ST-EUSTACHE MAINTENANCE  
CENTRE CONSTRUCTION BEGINS







November 17, 2018

### DEUX-MONTAGNES

PILE DRIVING AT THE CANORA  
AND MONT-ROYAL STATIONS  
BEGINS







May 3, 2019

**DEUX-MONTAGNES**

STATION BOIS-FRANC:  
PILE DRIVING WORK BEGINS





November 2, 2018

**SAINTE-ANNE-DE-BELLEVUE/AIRPORT**

CONCRETE IS POURED  
FOR PREFABRICATED SEGMENTS







February 11, 2019

**SAINTE-ANNE-DE-BELLEVUE/AIRPORT**  
TECHNOPARC:  
DRILLING FOR THE SECANT PILES BEGINS





# South Shore/Downtown Sector





# South Shore/Downtown Sector

27





# South Shore/Downtown Work Zone



# Nature of the Work – South Shore/Downtown



8

STATIONS



2

ELEVATED  
STATIONS



3

GROUND-LEVEL  
STATIONS



3

UNDERGROUND  
STATIONS



2

BRIDGES



5

KM OF  
TUNNEL TO BE  
MODERNIZED



1

MAINTENANCE  
CENTRE

70

METRES OF EXCAVATION AT  
ÉDOUARD-MONTPETIT  
STATION

120

COLUMNS

270

NEBT CONCRETE  
BEAMS



# Édouard-Montpetit Station

30

## Work in progress:

- Finishing work for shaft excavation (- 58 m).
- Start of excavation of galleries to connect to the Mont-Royal Tunnel.





# McGill Station

31

## Work in progress:

- Completion of the excavation of the pedestrian tunnel.
  - De Maisonneuve Boulevard expected to re-open by the end of 2019.
- Excavation of the station.



# Gare Centrale

32

## Work in progress:

- Preparatory work for future access and mechanical room have begun.

## Upcoming work:

- Start of civil works on the overpass.





# Viaduc Sud

33

## Work in progress:

- Preparatory work to widen the De la Commune bridge.
- Preparatory work to connect the elevated structure at the De la Commune bridge.
- Construction continues on the elevated structure on the south side of the Lachine Canal.
- Construction of a wall along Smith Street to strengthen the slope on which the REM will travel.





## Work in progress:

- Construction of cast-in-place columns and pierheads.
- Installation of beams.
- Installation of the deck.

## Upcoming work:

- Beginning of construction of the Île-des-Sœurs station in the coming months.





## Work in progress:

- Continuation of the construction of the Rive-Sud and Du Quartier Stations, the maintenance centre and control station.
- Installation of the deck and tracks.



# Phases Prior to the Handover of the Representative Segment

## Fall 2019 and winter 2020

- End of civil work:
  - Continuation of the construction of the Rive-Sud and Du Quartier stations, the maintenance centre and control station.
  - Installation of tracks, troughs and catenary poles from the Rive-Sud terminal to just before the Panama station.
- Preparation of the stations' technical facilities.

## Spring and summer 2020

- Installation of electrical, signalling and communication systems.
- Installation of the equipment of the consortium responsible for the provision of rolling stock, systems and operation, and maintenance services for the REM project.



**Panama**





# Du Quartier





# Rive-Sud Terminal







# Question & Answer Period

Jean-Vincent Lacroix, Media Director, REM project

Robert Nadeau, Deputy General Director, REM project

Xavier De Nettancourt, Director – South Shore and Downtown Sectors, NouvLR





Presentation  
and information  
available at  
[rem.info/en](http://rem.info/en)

# Thank you!

