



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



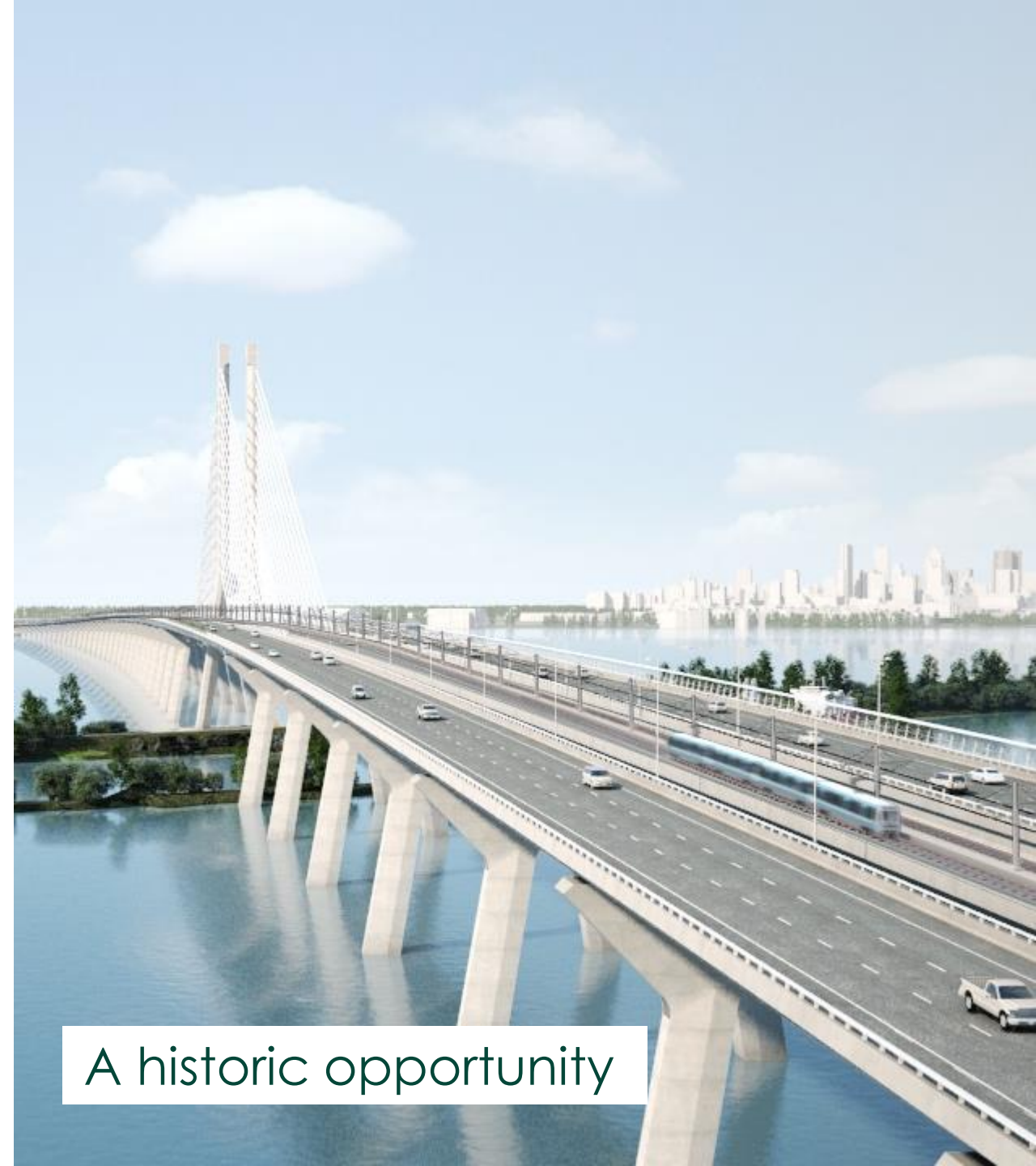
The REM Project



Origins



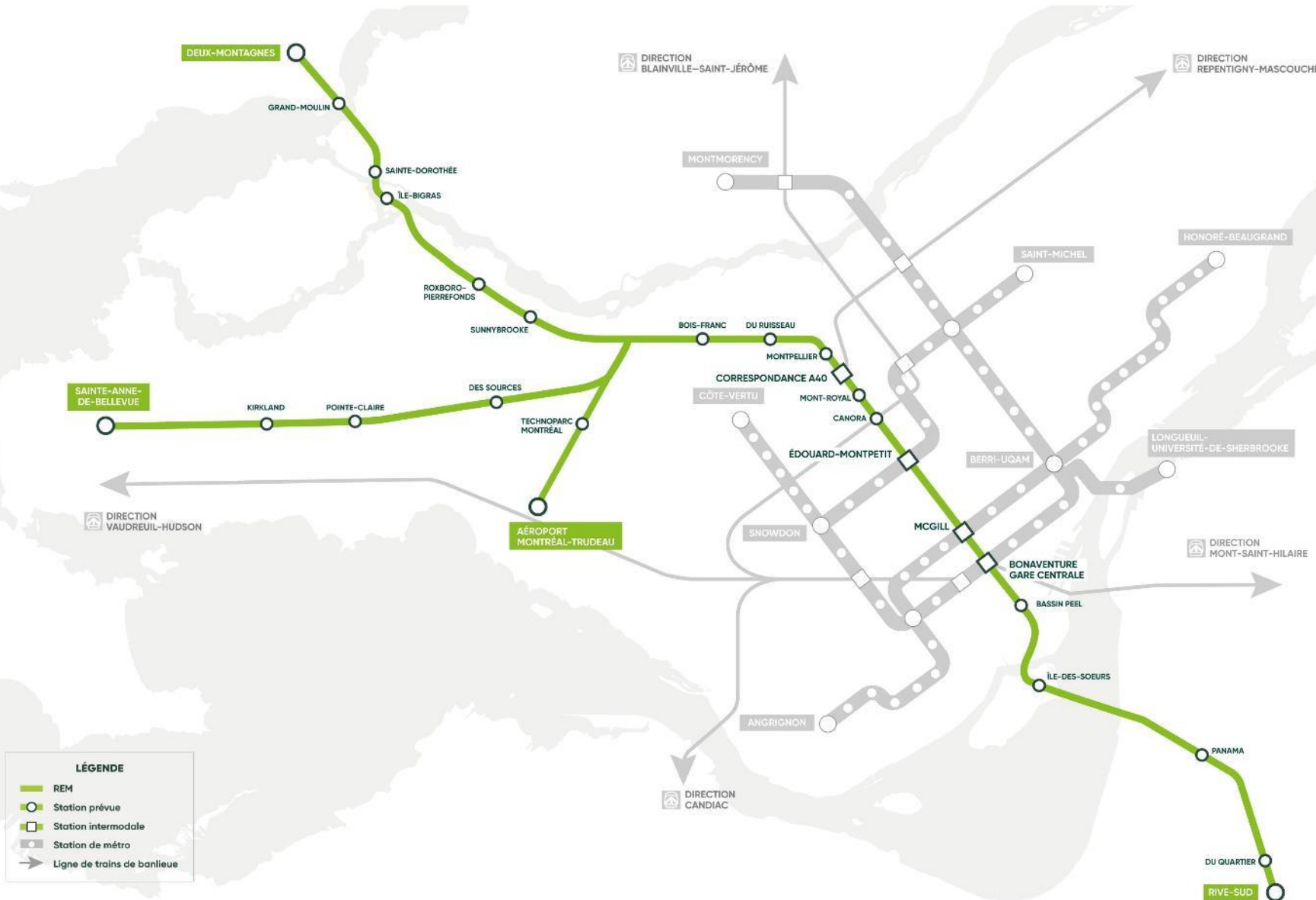
A saturated method of transit



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 metro

Project Schedule



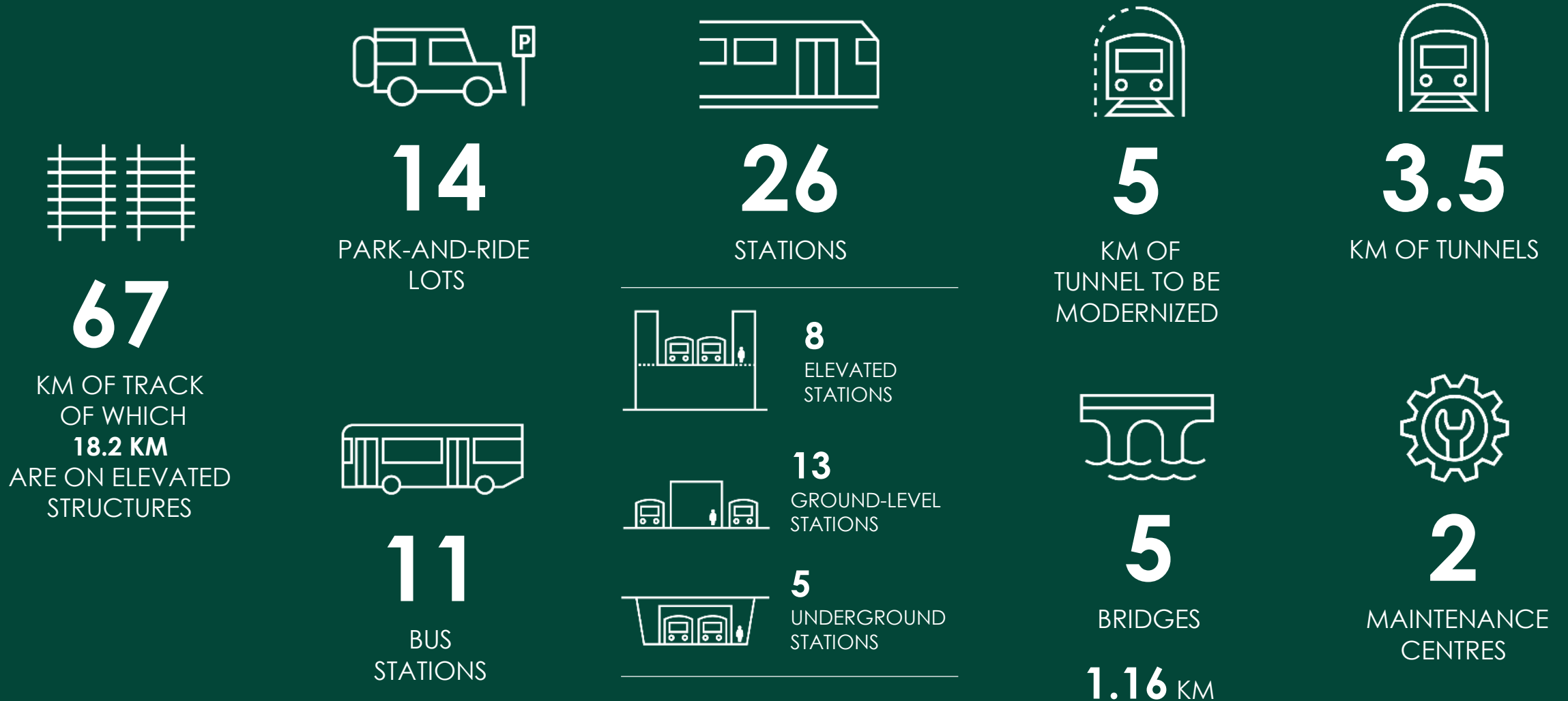


Project Scope and Challenges



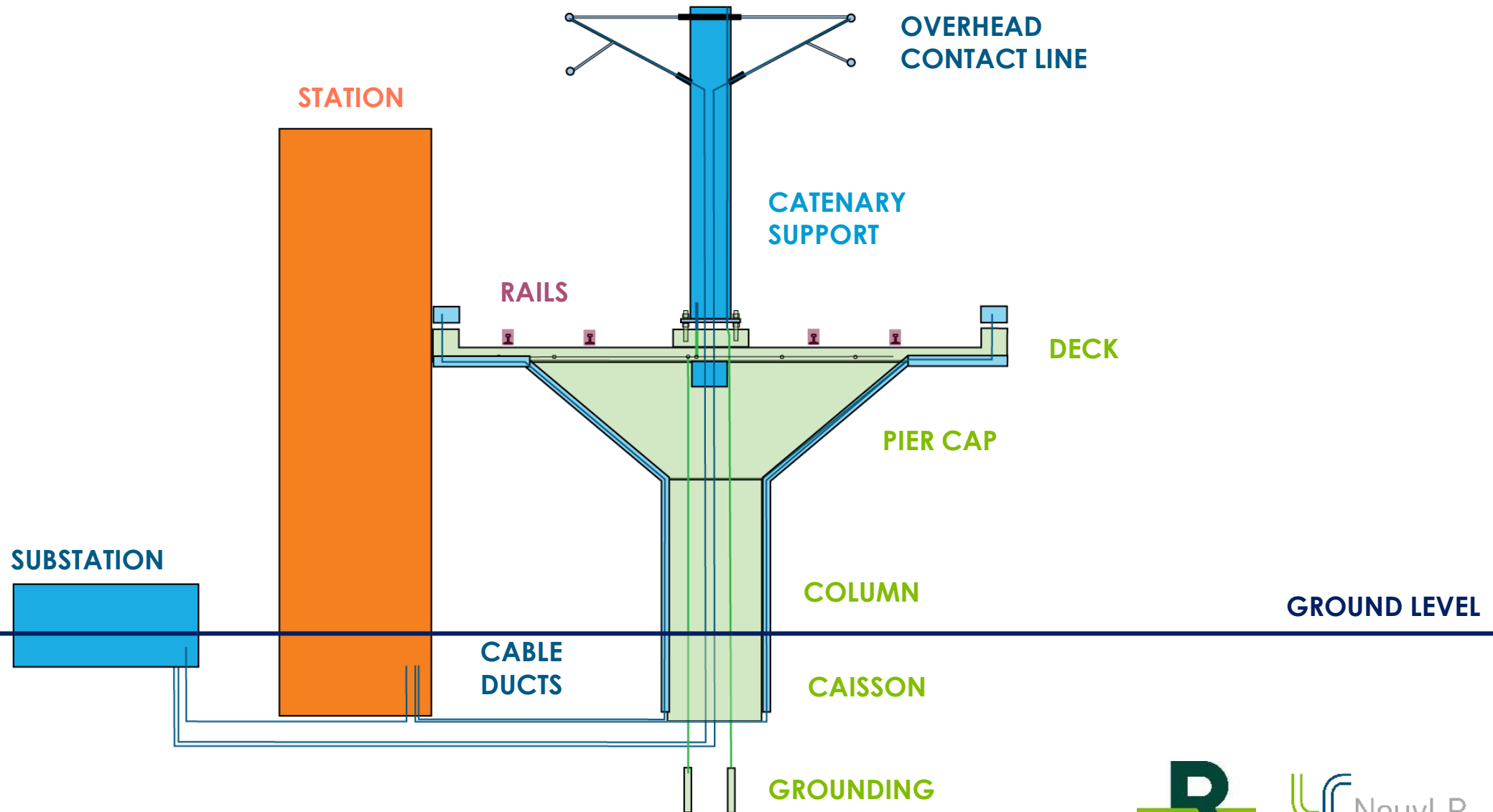
Scope of the Work to Perform

8



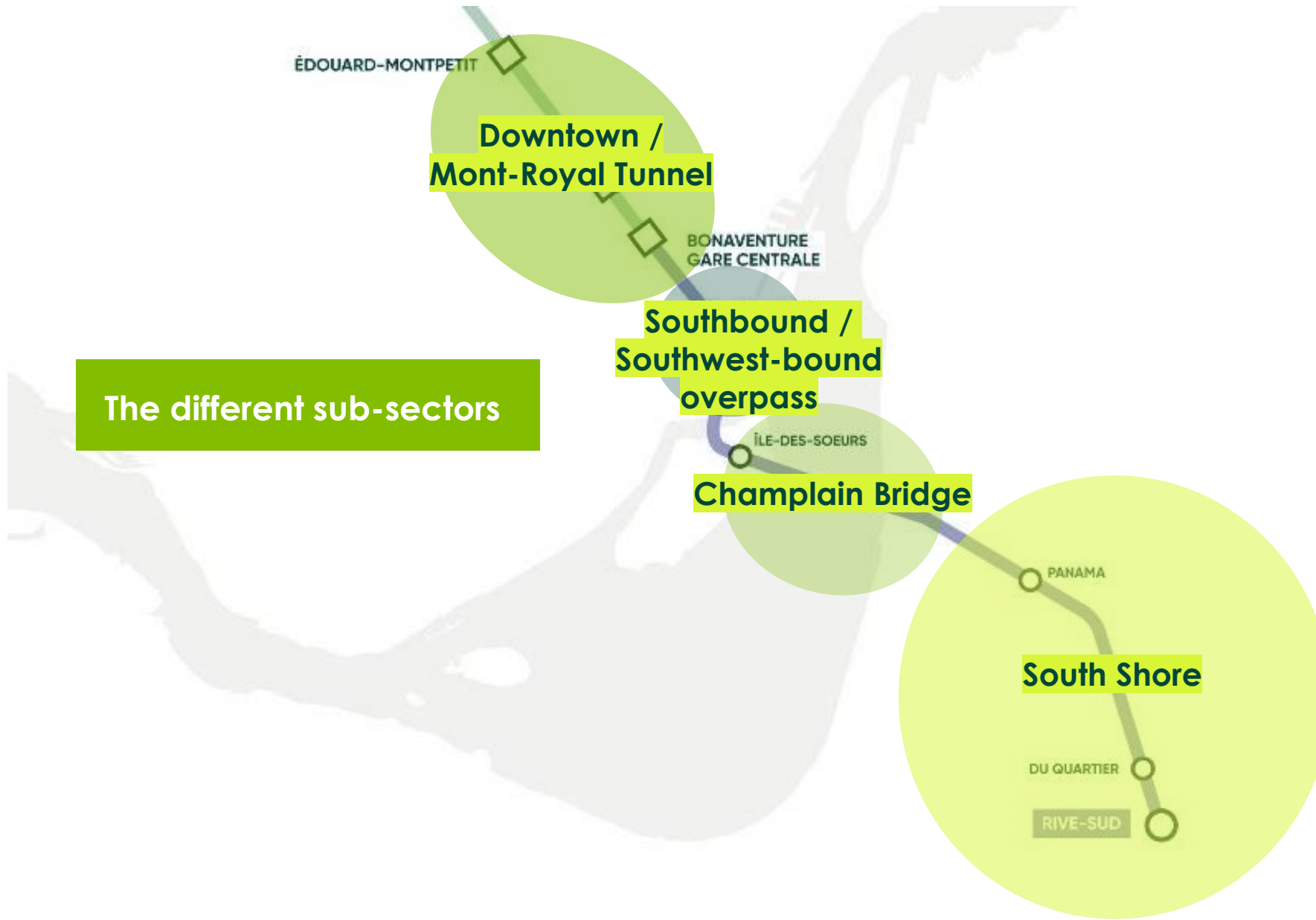
The System

9





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

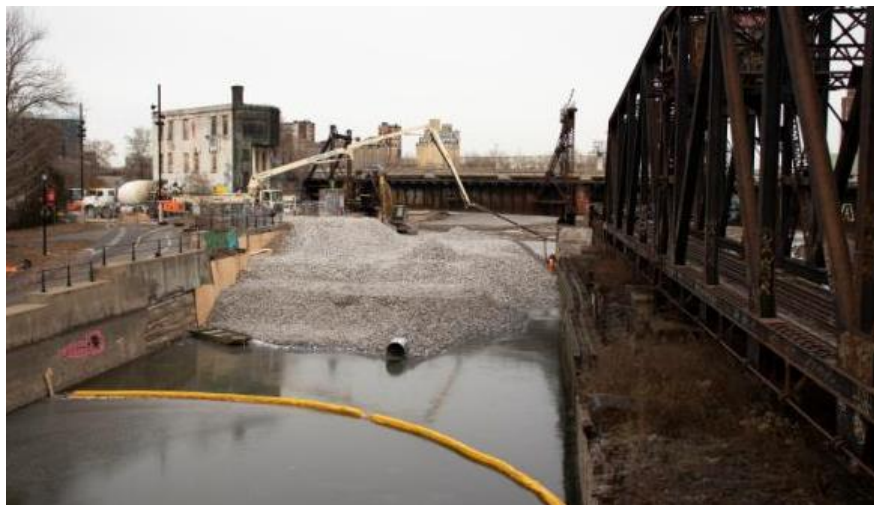




October 3, 2018

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



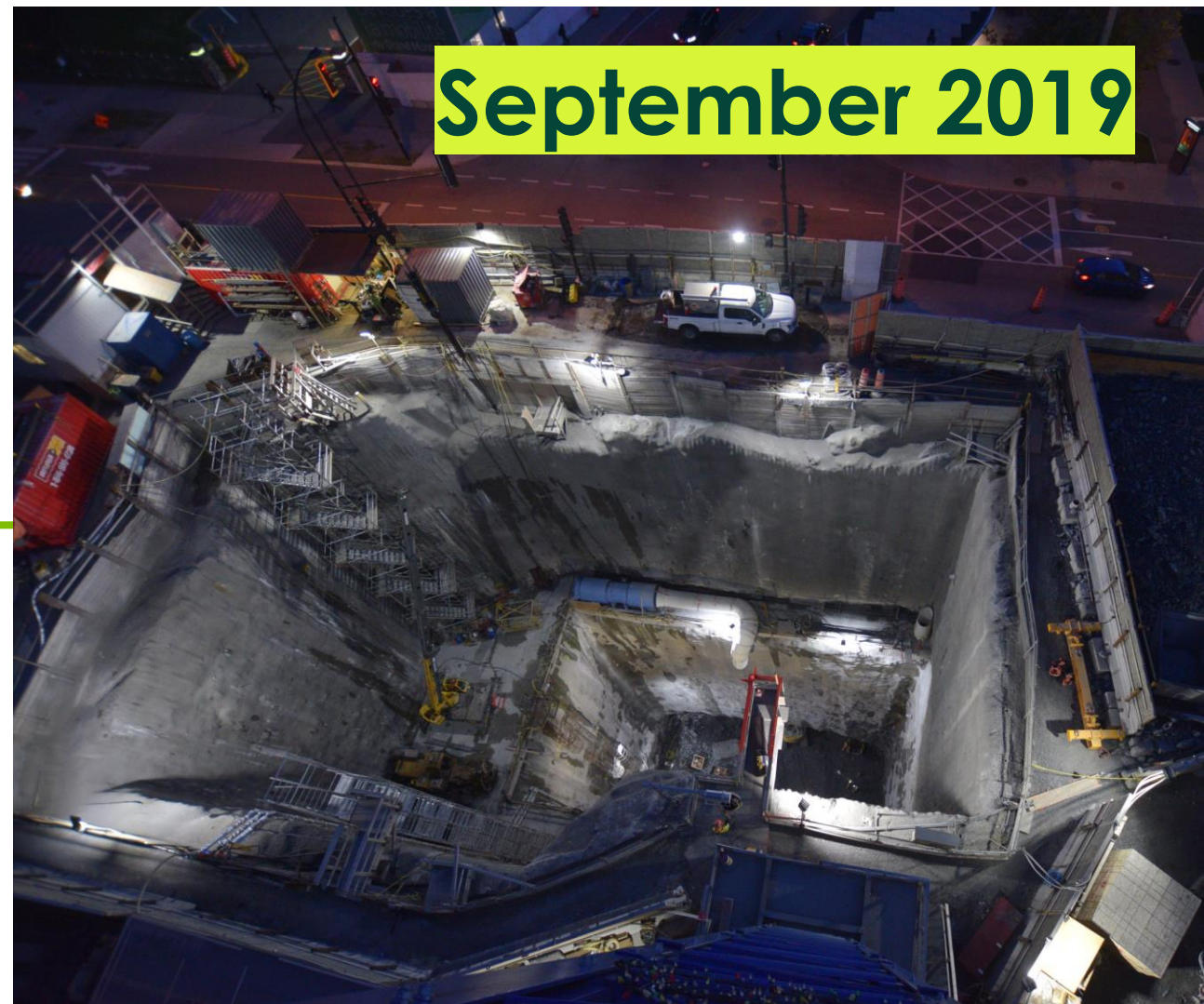
October 22, 2018

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

ÉDOUARD-MONTPETIT STATION:
EXCAVATION BY CONTROLLED
BLASTING BEGINS



September 2019





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 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.



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

- 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

Thank you!

