Media Briefing
October 2019
Overview of REM’s Construction Sites
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

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

67 km of track, of which 18.2 km are on elevated structures

26 stations

11 bus stations

14 park-and-ride lots

5 bridges

3.5 km of tunnels

5 maintenance centres

5 km of tunnel to be modernized

1.16 km

26 elevated stations

13 ground-level stations

5 underground stations
The System
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

The different sub-sectors

Downtown / Mont-Royal Tunnel

Southbound / Southwest-bound overpass

Champlain Bridge

South Shore
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

October 2019
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
DEUX-MONTAGNES

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

July 16, 2018

September 2019
DEUX-MONTAGNES
PILE DRIVING AT THE CANORA AND MONT-ROYAL STATIONS BEGINS

November 17, 2018
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

October 2019
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

70 METRES OF EXCAVATION AT ÉDOUARD-MONTPETIT STATION

120 COLUMNS

270 NEBT CONCRETE BEAMS

1 MAINTENANCE CENTRE
Édouard-Montpetit Station

Work in progress:

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

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

Work in progress:
- Preparatory work for future access and mechanical room have begun.

Upcoming work:
- Start of civil works on the overpass.
Viaduc Sud

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.
Sud-Ouest

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.
Brossard

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.
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!