



Réseau express métropolitain

Presentation of the work in
Griffintown

October 9, 2019

Réseau
express
métropolitain



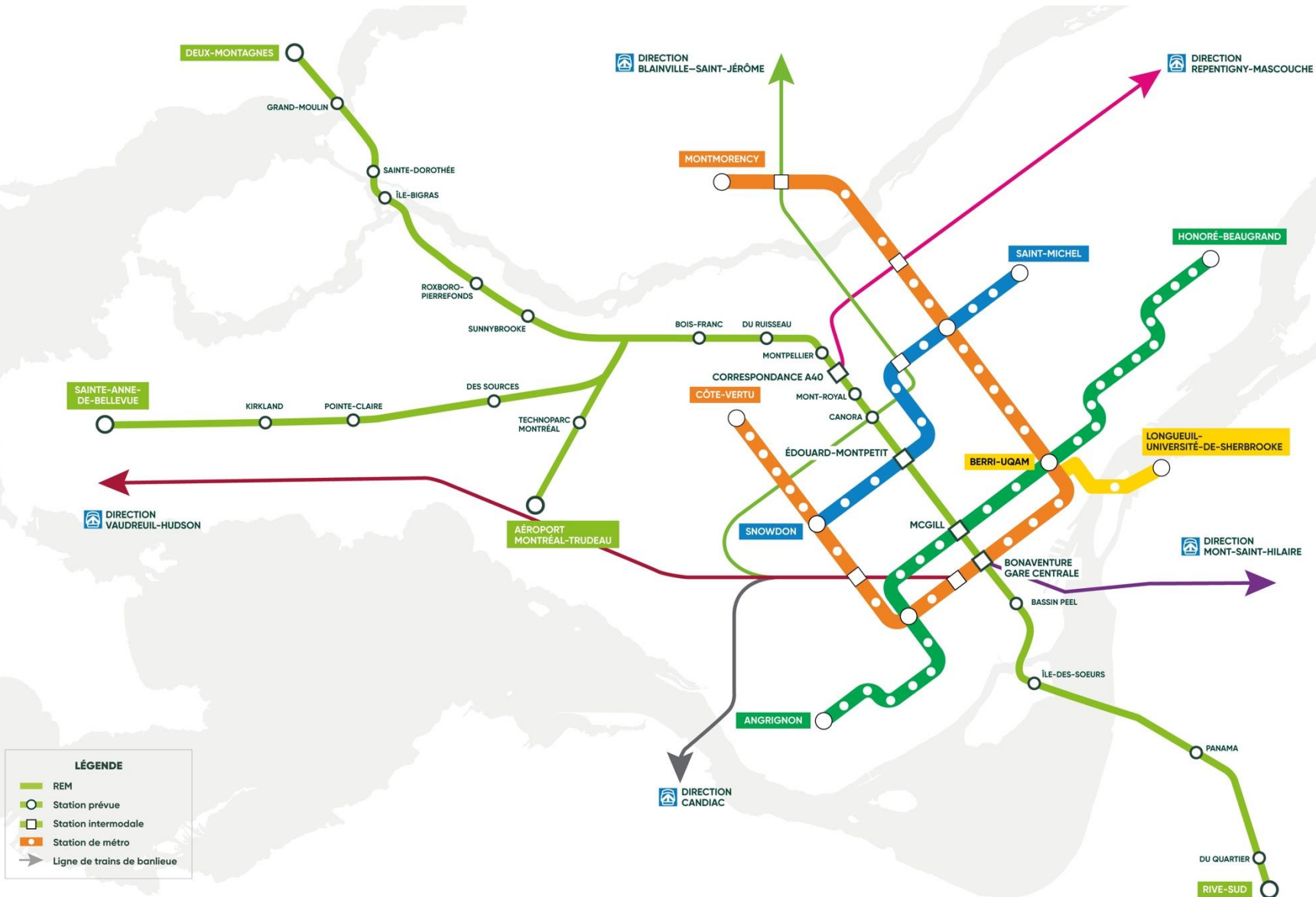
Agenda

- Background
- REM's route in Griffintown
- Work completed
- Upcoming work – Fall 2019
- To watch



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

In service by late 2021 from Central Station to Rive-Sud station

Roles and responsibilities



- Design
- Construction



- Rolling stock and operations

Project integration

City of Montréal

Mobilité Montréal
committees

Work impact
management
committees

Coordination with
government
departments,
municipalities and
partners

Coordination
committees – ARTM
and
transit authorities

REM in your neighbourhood



**Better
quality of life**



**Quieter
technology**

Current exo trains – 300 metres



REM cars



2 cars during off-peak hours – 40 metres – 14 hours/day



4 cars during peak hours – 80 metres – 6 hours/day



REM in Griffintown

REM's route in Griffintown



Central Station

Southbound
overpass

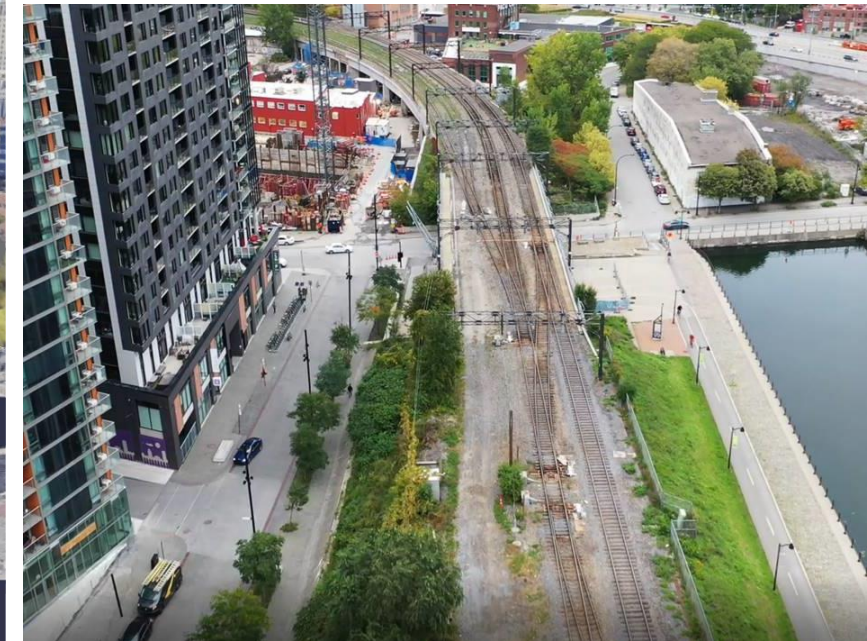
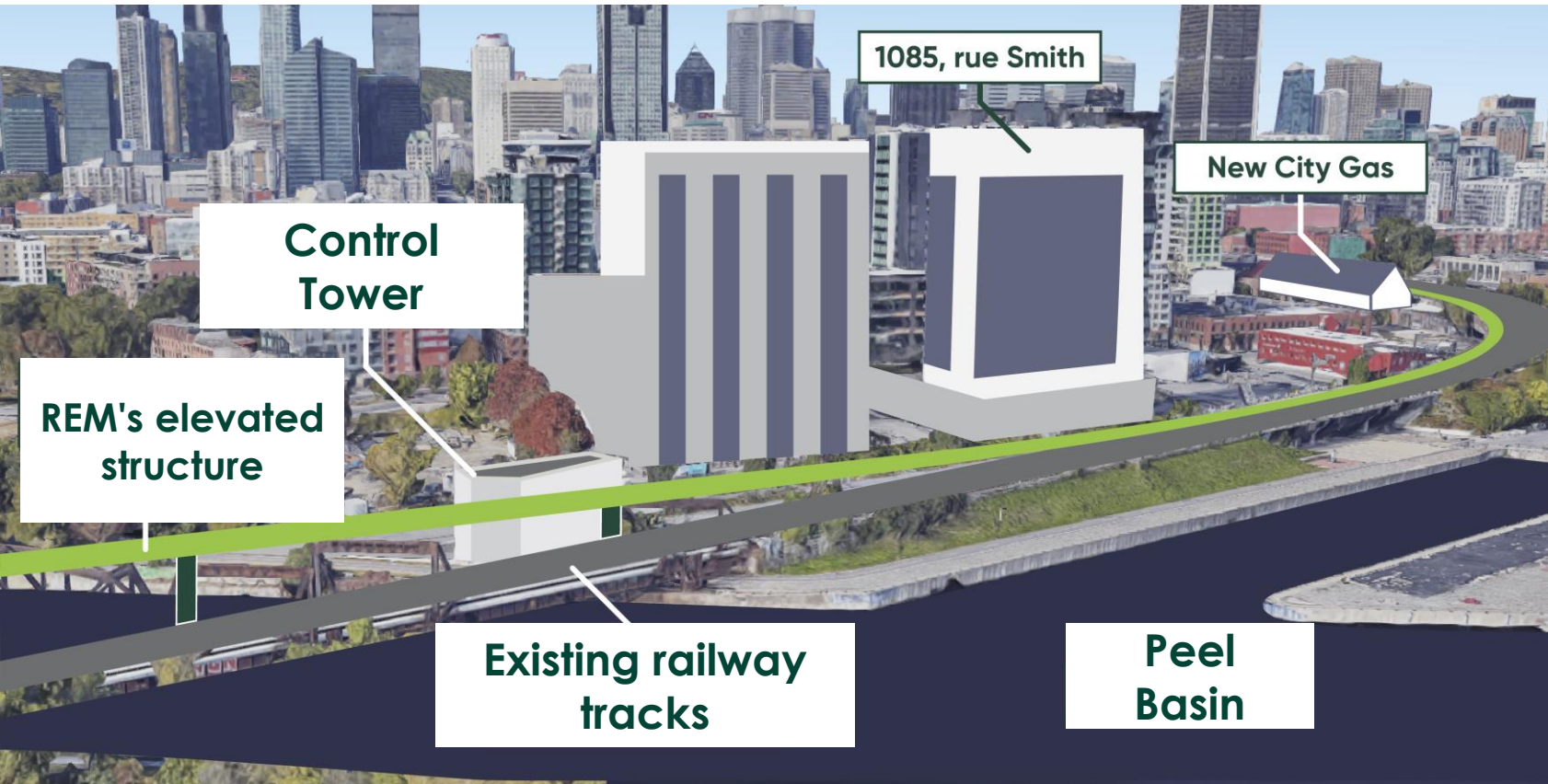
Boulevard Robert-Bourassa

Rue Notre-Dame

Rue Wellington

Peel
Basin

De la Commune/Smith sector



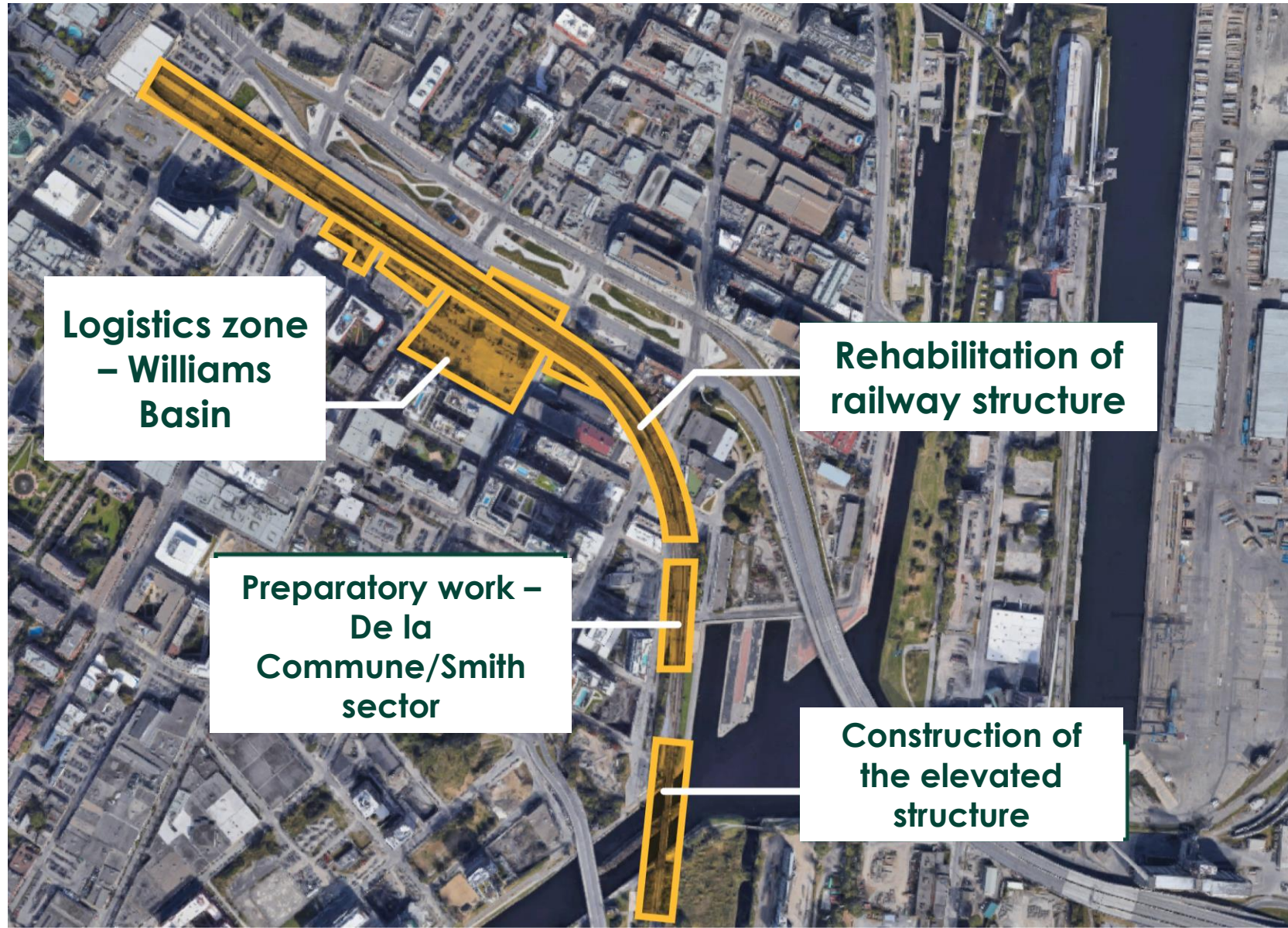
Southbound overpass





**Work completed and
upcoming in 2019**

Work zones in 2019



**Logistics zone
– Williams
Basin**

**Rehabilitation of
railway structure**

**Preparatory work –
De la
Commune/Smith
sector**

**Construction of
the elevated
structure**

Rehabilitation of southbound overpass



- Work required to ensure the **structure's integrity**
 - Corrections to the outer coating
 - Replacement of bridge bearings
 - Cleaning and painting of steel structure



Southbound overpass



BEFORE



AFTER



Southbound overpass



BEFORE



AFTER



Southbound overpass



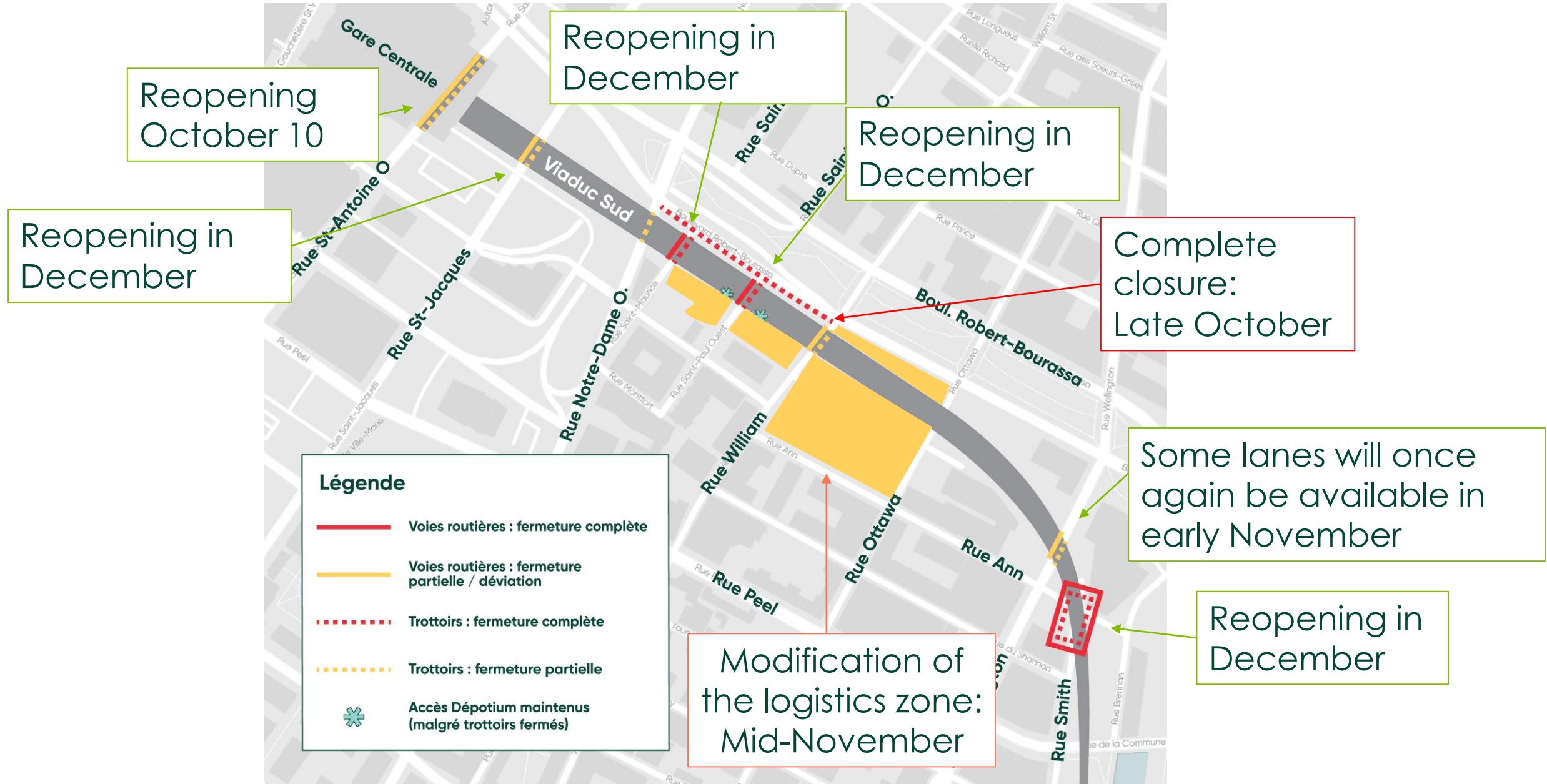
BEFORE



AFTER

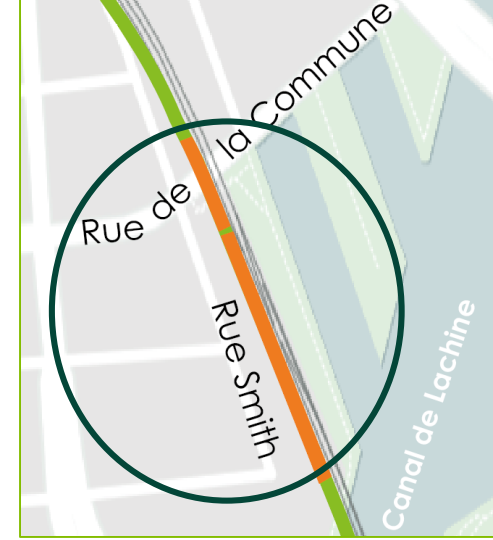


Disruptions and reopenings



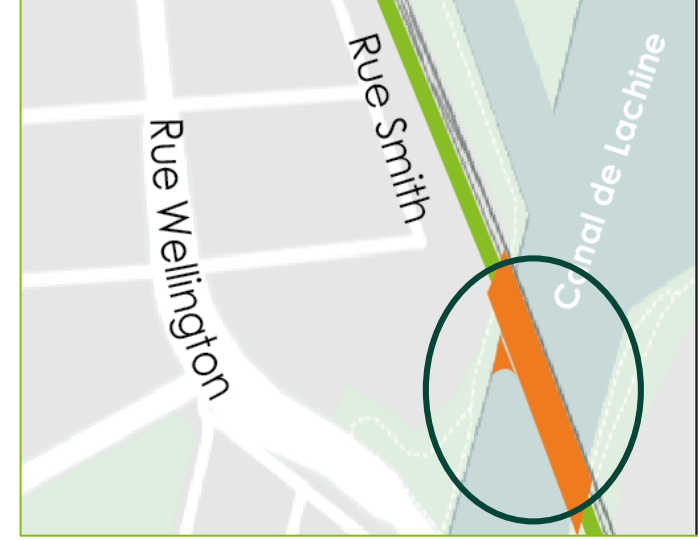
De la Commune/Smith sector – Preparatory work

- Site preparation:
 - Removal of some gantries
 - Partial demolition of edges of De la Commune bridge
 - Relocation of public utilities
 - Construction of an access ramp
- Pillar foundations
- In coordination with Canadian National (CN)

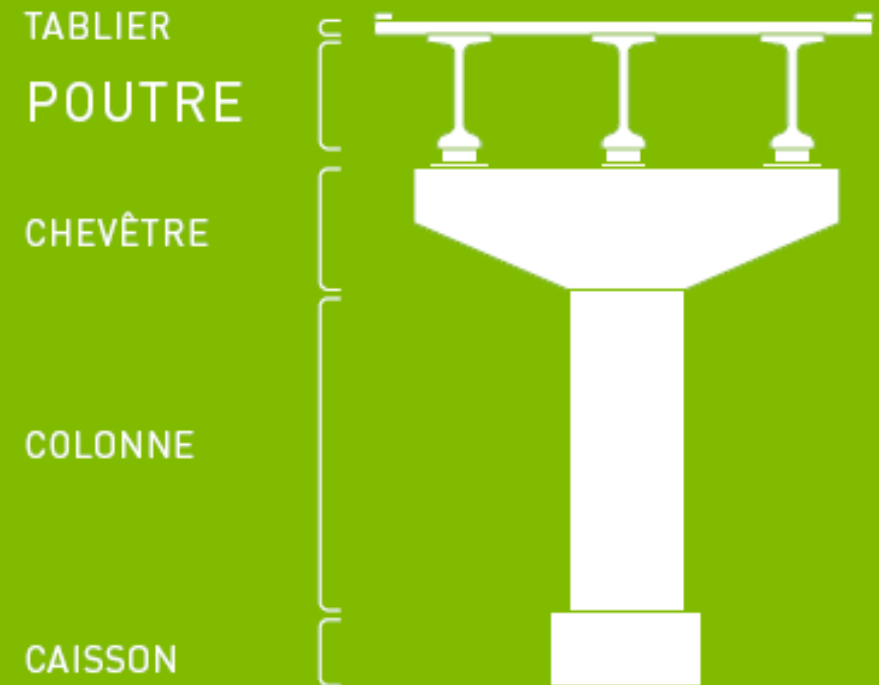


Lachine Canal – Construction of elevated structure

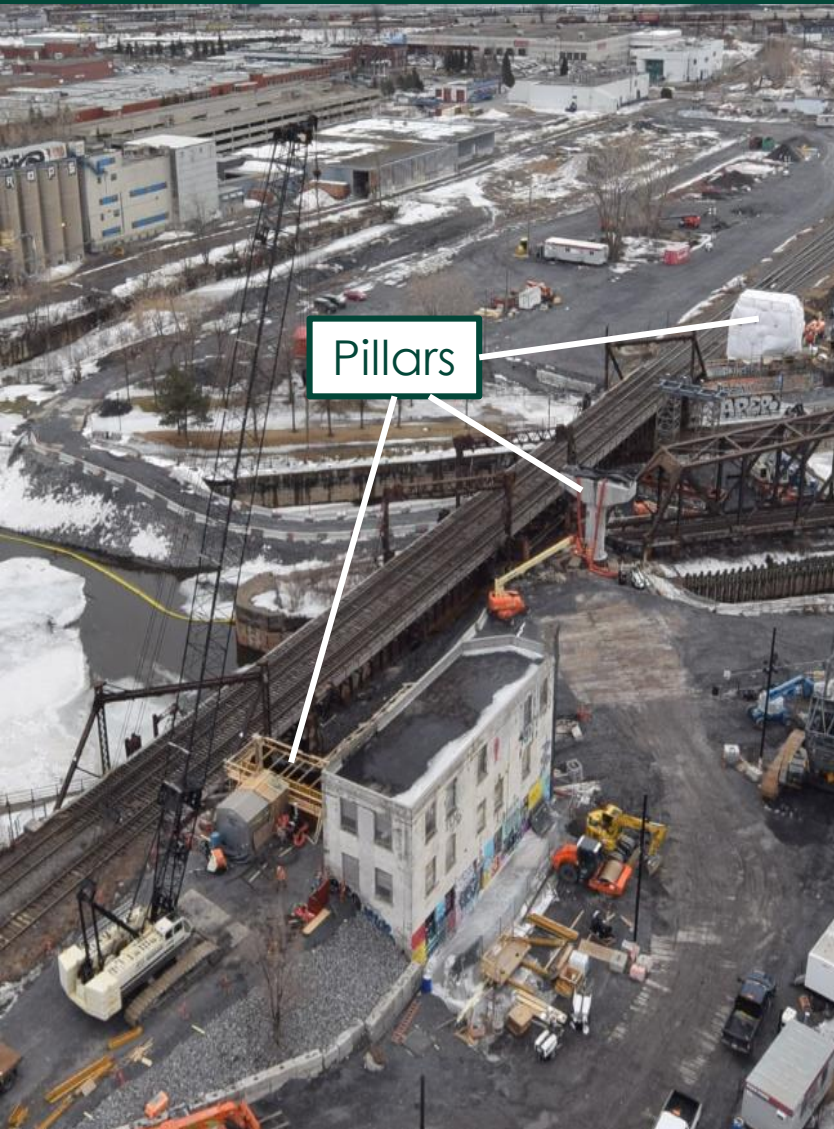
- Protection of Smith Square and street furniture
- Construction of temporary jetties and pillars
- Beam and deck installation
- **To come in 2019:** removal of jetty, finishing of deck and preparatory work for the electrical system and tracks



Components of the elevated structure



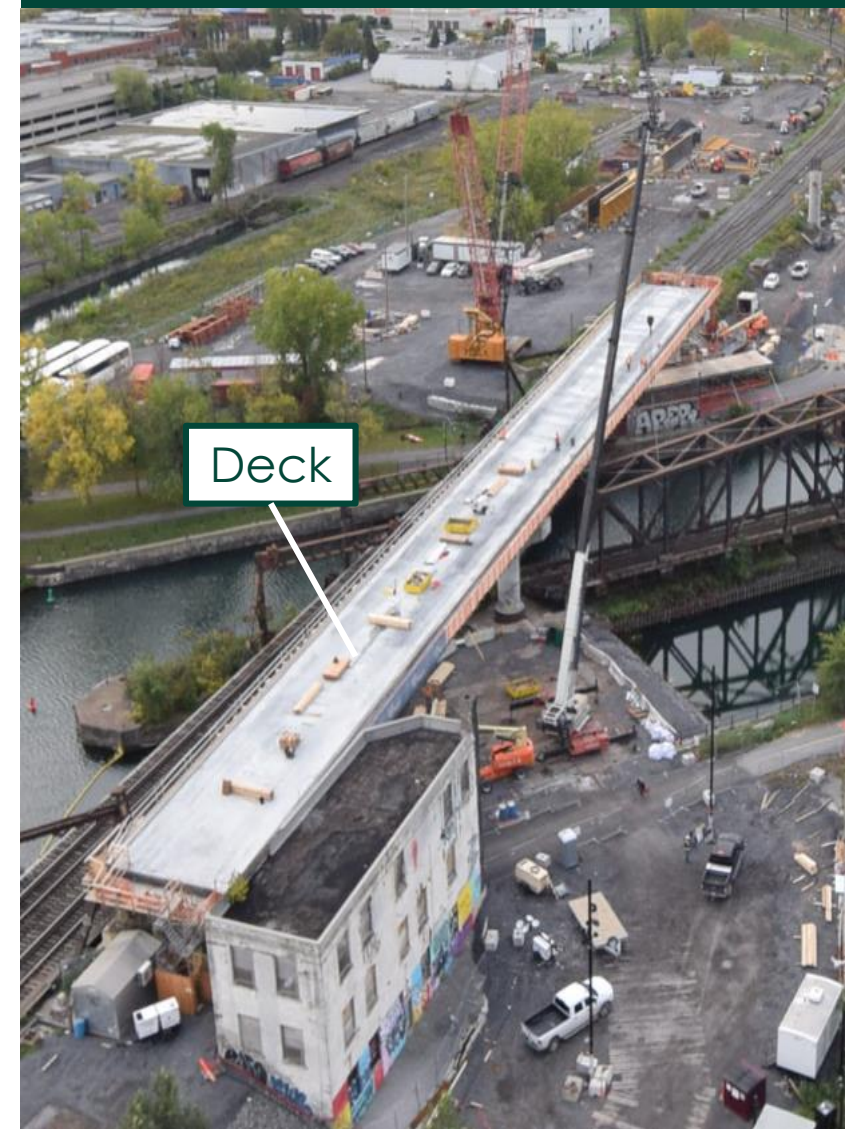
March 2019



April 2019



September 2019



Anticipated impacts



- Traffic disruptions
 - Cyclists: The bicycle link on Wellington Bridge will remain closed until the end of December
 - Cars: Short-term disruptions under De la Commune bridge and on Brennan Street
 - Pedestrians: No disruptions are scheduled
- Noise, dust and vibration
- Occasional night work
 - Need to prevent disrupting rail traffic during the day
 - Noisy work concentrated during the day where possible



To watch

Central
Station

Replacement of
outside tracks

Logistics
zone

Widening of
bridge

Strengthening
of berm

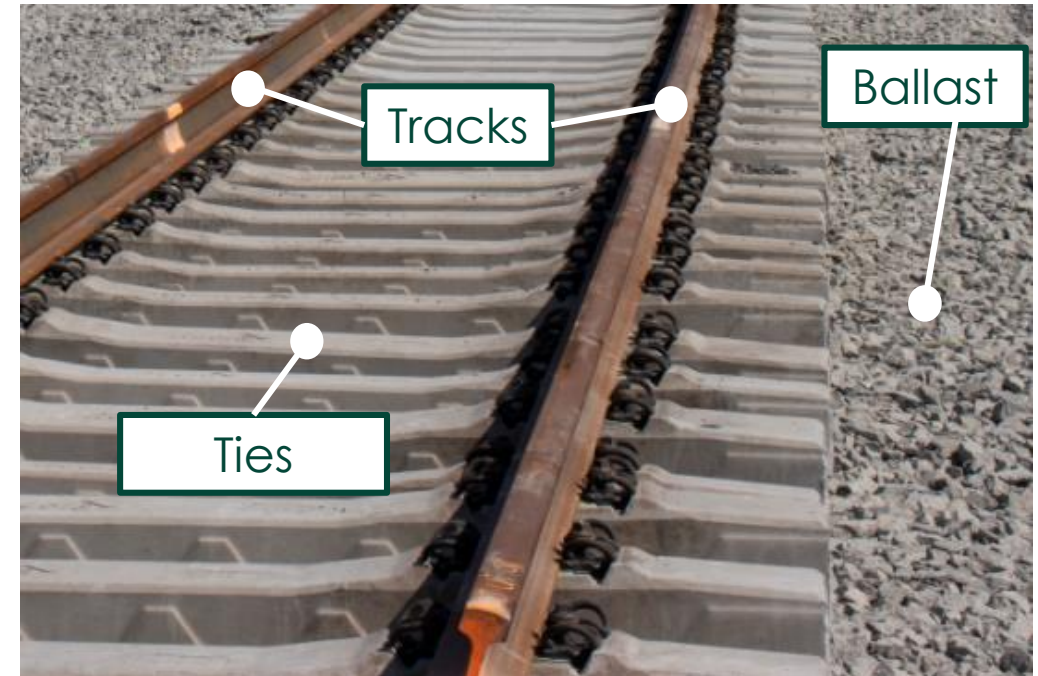
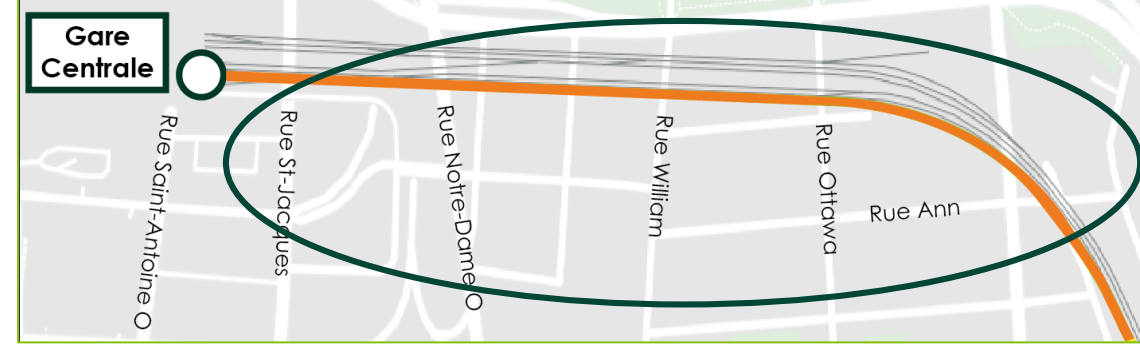
Pillar

Upcoming work



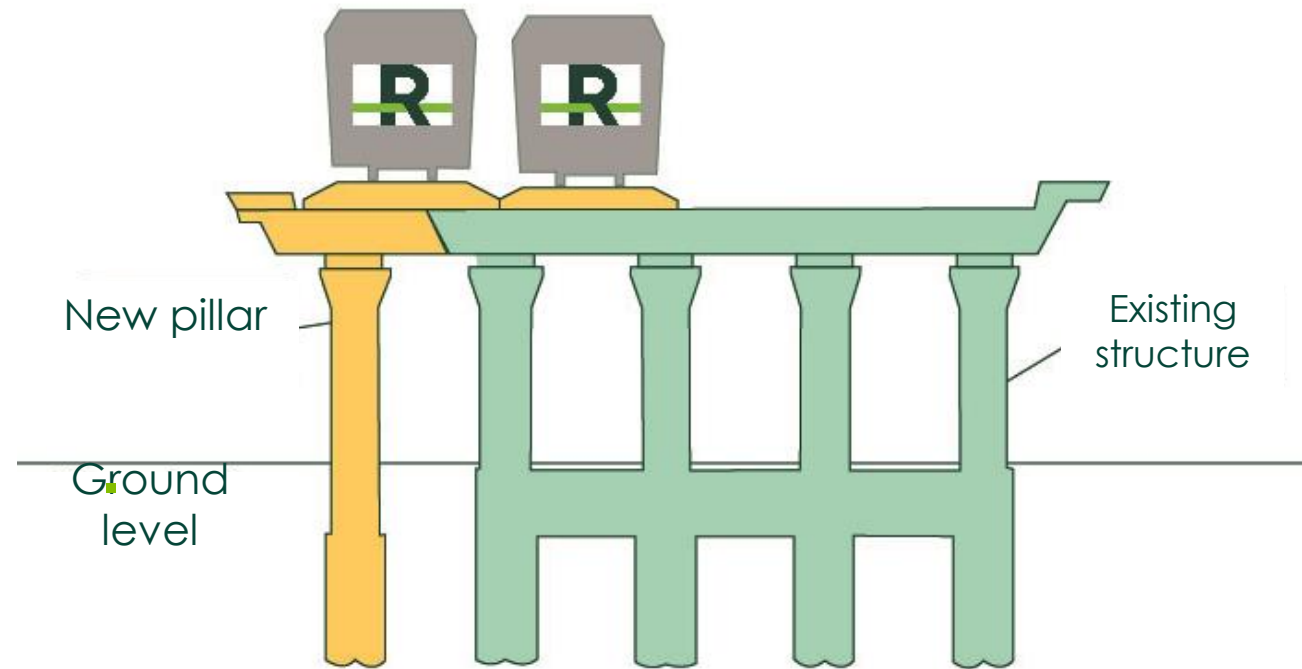
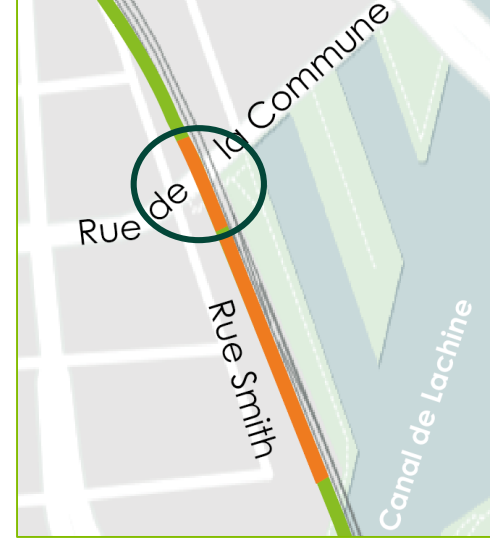
Track modernization – Griffintown

- Replacement of existing tracks
- Removal of infrastructure:
 - Catenaries
 - Tracks and ties
 - Ballast
- Waterproofing of overpass
- Logistics zone on Williams Basin site



Widening of De la Commune bridge

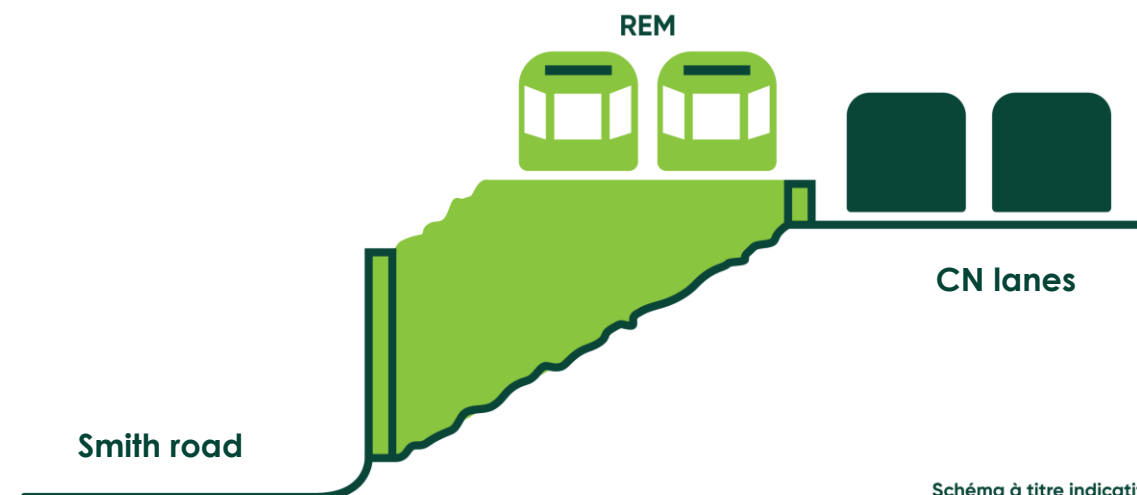
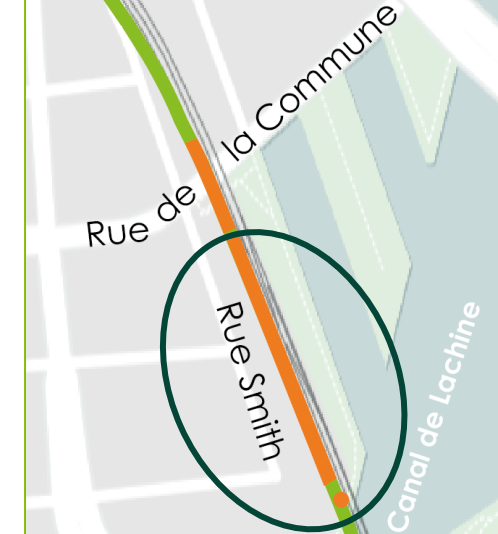
- Creation of a dedicated REM track
- Widening of De la Commune bridge
 - Pillar construction
 - Widening of the deck
- In coordination with Canadian National (CN)



Widening of structure to be built

De la Commune/Smith sector

- Connection to the elevated structure
- Creation of berm on which the REM will travel:
 - Construction of drainage system
 - Construction of retaining walls
 - Construction of a pillar



Mitigation measures



Impacts	Mitigation measures
Noise, vibration and dust	<ul style="list-style-type: none">– Temporary acoustic barriers, where possible– Dust control– Seismographs– Environmental monitoring (government authority standards and targets)
Obstructions and trucking	<ul style="list-style-type: none">– Traffic management plan, in collaboration with the City– Presence of flaggers and adapted signage

Communications during the work



Information and communication platforms

Project website

Social media

Online newsletters and sector updates

Telephone line and inbox

Email/SMS alerts

Work notices

Activities and dedicated resources

Community relations office

Participation in information sessions and committees

Our commitments to citizens and stakeholders

- Listen
- Cooperate
- Mitigate

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métropolitain



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