



Report

Meeting objective: Réseau express métropolitain (REM) informational meeting

Date and time: November 4, 2019, 6:00 p.m. to 8:30 p.m.

Location: Centre Elgar, 260 Elgar Street, Île-des-Sœurs

Overview:

- Approximately 200 participants
- Four stakeholders attended the information session and question period:
 - Virginie Cousineau, Public Affairs Manager, REM
 - Mario Beausoleil, Operations Manager, REM
 - Radu Comarzan, head of design and construction coordination, Île-des-Sœurs, Pointe-Saint-Charles and Griffintown, NouvLR
 - Pierre Guillot-Hurtubise, Facilitator

Meeting agenda:

- Open house with information panels – 6 p.m. to 7 p.m.
- Information session, followed by a question and answer period – 7:00 p.m. to 9:30 p.m.

Content of the presentation:

- Project background
- The REM on Nun's Island
- Upcoming work through summer 2020

Main topics addressed by the public during the question period:

- Issues related to REM operations (e.g. pedestrian tunnel safety, winter conditions, power outages, capacity)
- Number of bike racks at the station
- REM noise in operation
- Layout of the station
- Access to the station (by bus, on foot or by bike)
- Fare integration

The video recording of the information session is available at:

<https://www.youtube.com/watch?v=nViFr71anyk>

The documentation presented during the meeting is available at: <https://rem.info/en/events>

See below for the meeting presentation and information panels about the project.

Presentation begins at 7pm

**If you have any questions about
the project, visit rem.info/en**





Réseau express métropolitain

Information meeting on
Nuns' Island

November 4, 2019

Réseau
express
métropolitain





Agenda

- Background
- The REM at Nun's Island
- REM architecture and rail cars
- Upcoming work through summer 2020



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 to Central Station by 2021

A new metro line on Nuns' Island



Arrival of a strategic network

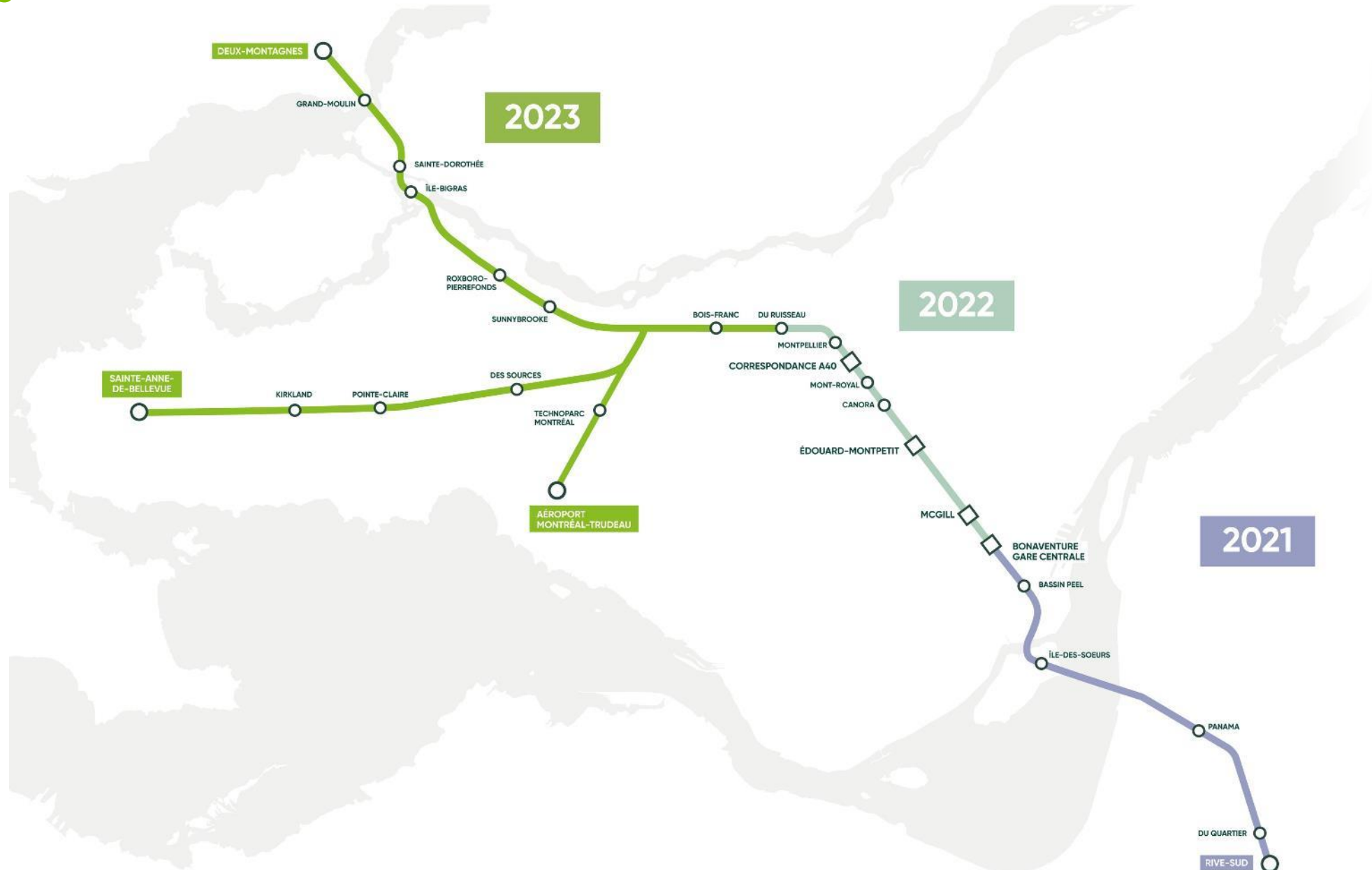


New service offering



Multiplication of destinations and three connections with the metro

Project schedule



The REM at Nun's Island

Île-des-Soeurs
channel bridge

Autoroute Bonaventure



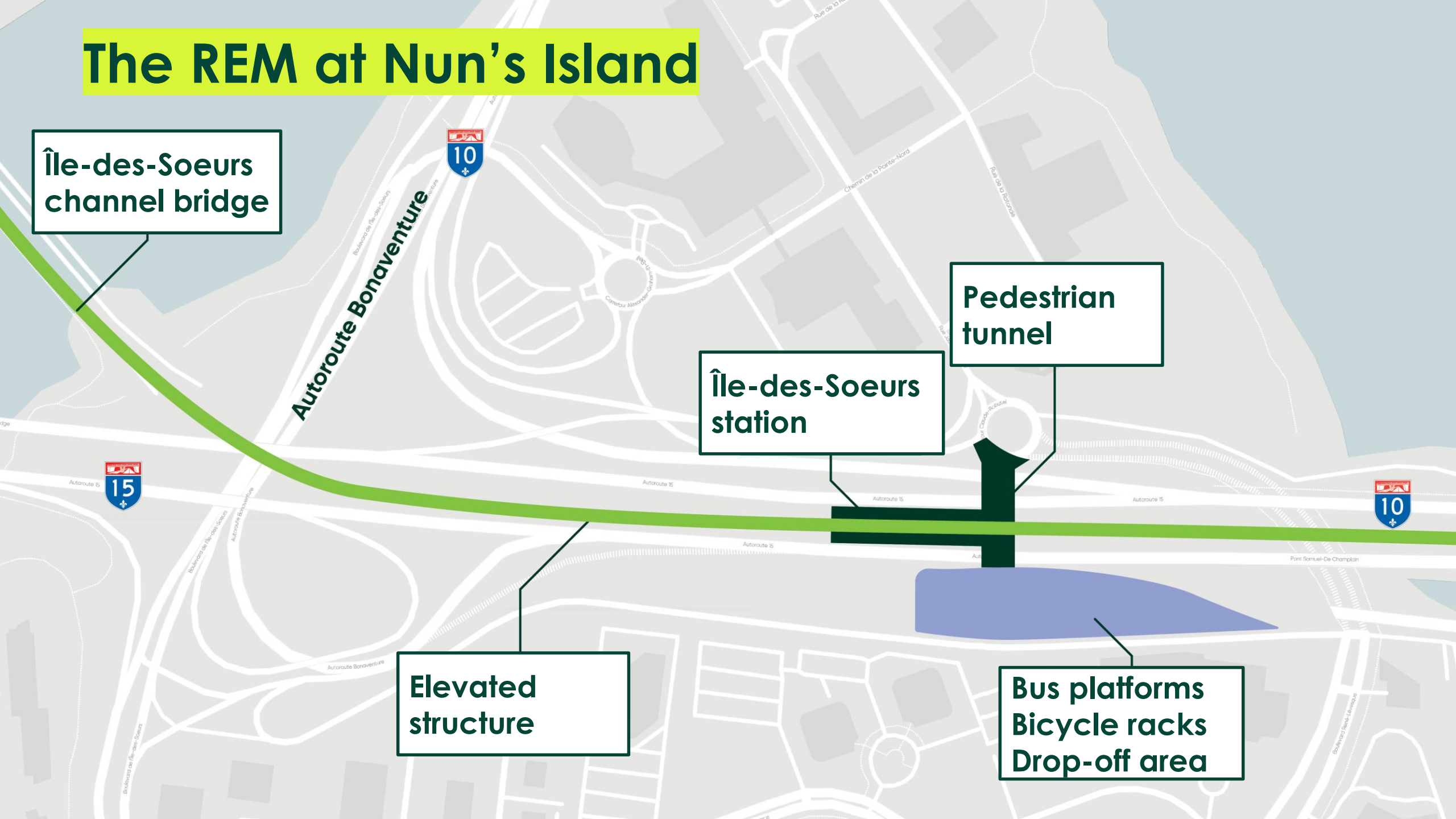
Pedestrian
tunnel

Île-des-Soeurs
station



Elevated
structure

Bus platforms
Bicycle racks
Drop-off area







REM architecture and rail cars



Architectural principles



Lines to suggest **movement**

Glass for its transparency and natural light

Wood for its warmth and as a hallmark

Station facilities



Exterior

- Landscaped for biodiversity
- Public spaces
- Safe circulation
- Street furniture



Interior

- Indoor platforms – enclosed, climate-controlled building
- Platform screen doors
- Universal accessibility
- Wifi

Station example – Panama



For information
purposes



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Roles and responsibilities



- Design
- Construction



- Rolling stock and operations

Project integration / JCCBI, SSL and Infrastructure Canada

City of Montréal

Mobilité Montréal committees

Work impact management committees

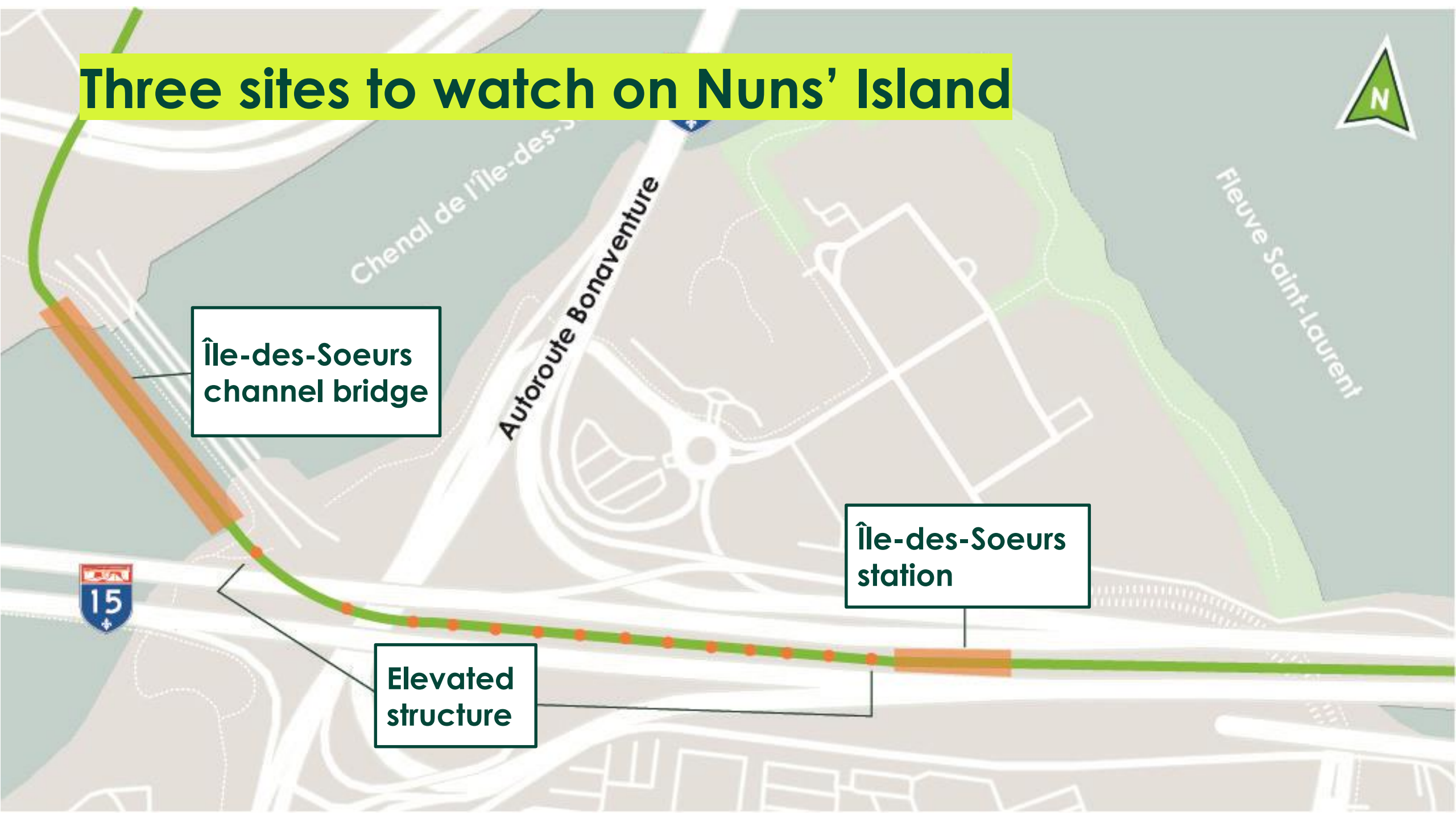
Coordination with government departments, municipalities and partners

Coordination committees – ARTM and transit authorities



Upcoming work through summer 2020

Three sites to watch on Nuns' Island



Île-des-Soeurs
channel bridge

Île-des-Soeurs
station

Elevated
structure

Île-des-Sœurs Channel bridge



- Distinctive design (230m long)
- Built for rail traffic
- Attractive views of bodies of water and urban landscapes
- Linking Nuns' Island with Montréal



Elevated structure on Nuns' Island



- Comprising 14 columns between the channel bridge and the station
- In the highway median
- Crosses over Highway 15 North

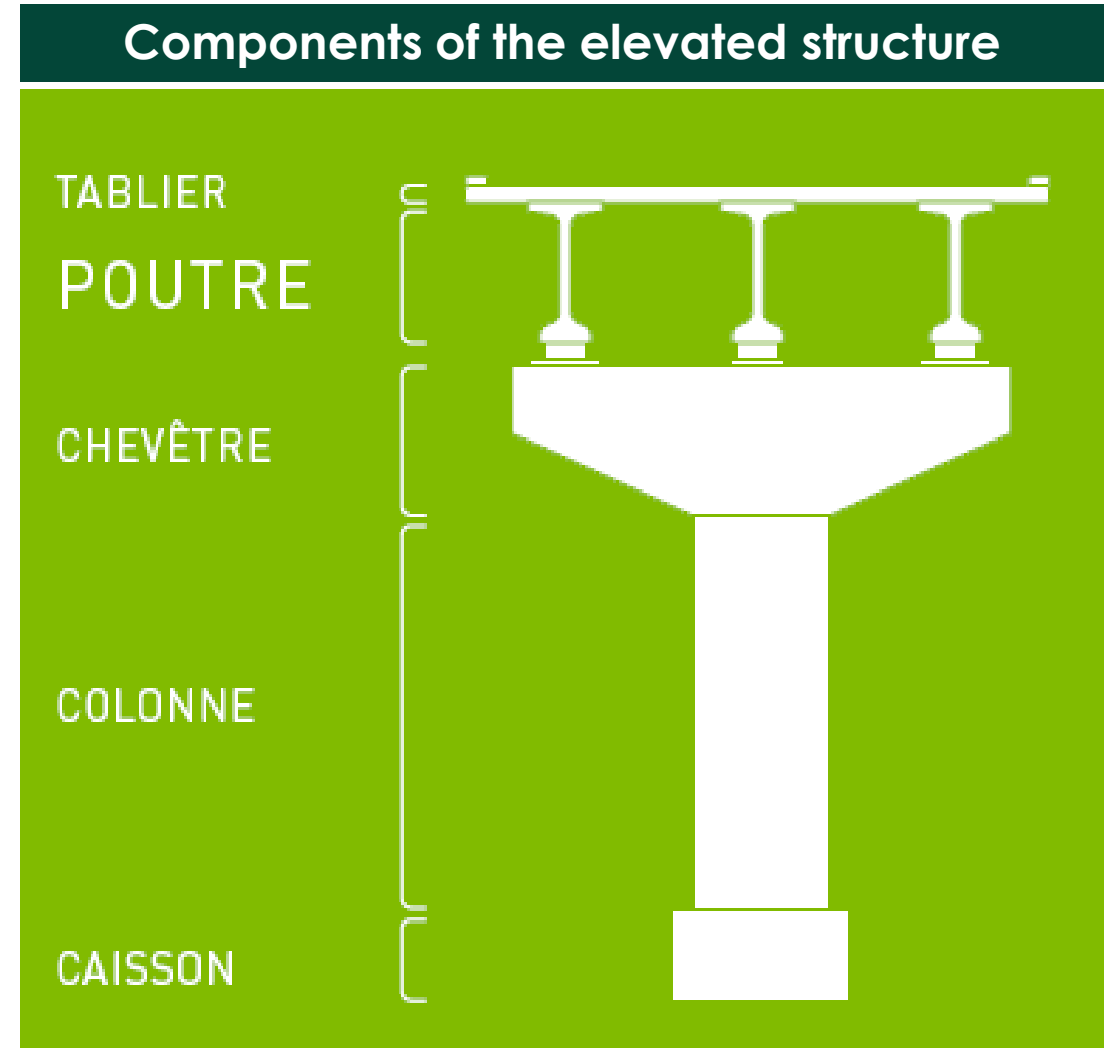


REM route – Centre of highway

Elevated structure on Nuns' Island



- Prefabricated components
- Reinforced concrete and steel



Île-des-Sœurs station



- Building construction
- In the highway median
- Advantages and challenges:
 - Limited space
 - Safety corridors needed for workers and drivers



Île-des-Sœurs Station – Centre of highway

Planned schedule – 3 work zones



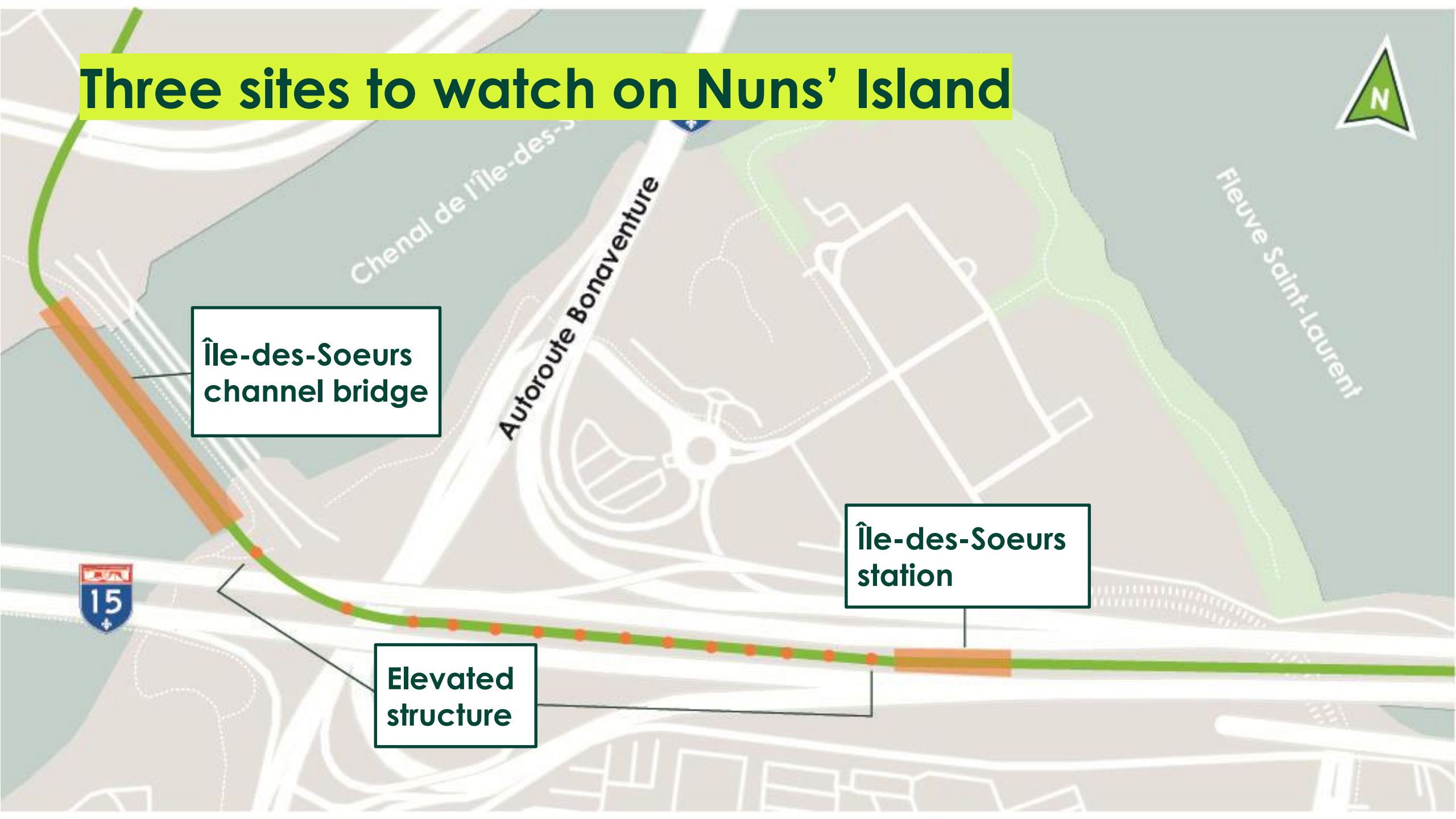
2019

- Construction site access and site and equipment mobilization
- Start of foundation constructions (pillars and station)

Through summer 2020

- Foundation construction continues (pillars and station)
- Construction of pillars (columns, pierheads) and installation of beams
- Pouring of station foundations and slab
- Installation of station's metal structure

Three sites to watch on Nuns' Island



Île-des-Soeurs
channel bridge

Île-des-Soeurs
station

Elevated
structure

Anticipated impacts



- Work carried out mostly by day, **mainly in the centre of the highway**
 - The environment is already perturbed – work not expected to generate additional impacts
- Work creating the greatest impact is of **limited duration**:
 - Drilling for columns (a few days to two weeks – from end of 2019 to spring 2020)
 - Pile driving for station foundations (about two weeks – spring 2020)

Anticipated impacts

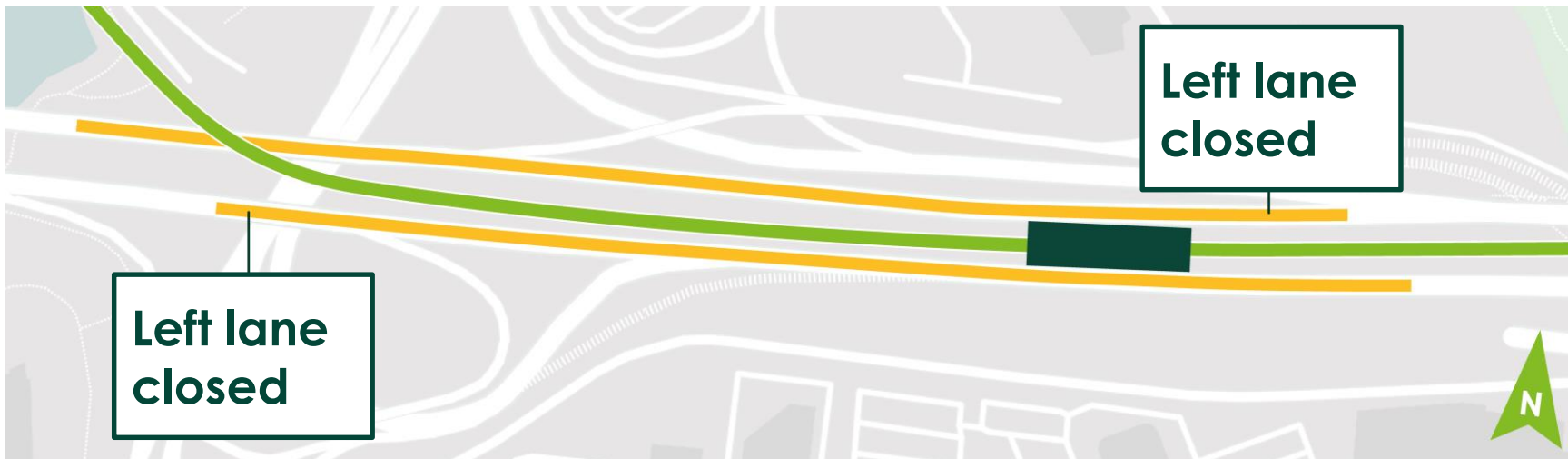


- Noise, dust and vibration:
 - Site access for trucks to centre of highway (average of 5 to 10 trucks daily)
 - Project subject to government standards and targets (MTQ and Ministère de l'Environnement)
 - Mitigation measures put in place whenever possible: seismographs, dust control, acoustic screens
 - Tracking and monitoring program

Anticipated impacts



- Traffic disruptions
 - Drivers: one lane of the highway obstructed in both directions (**no impact on Nuns' Island access ramps**)
 - Cyclists: occasional obstruction of the bike path
 - Pedestrians: No disruptions are scheduled



Communications during the work



Information and communication platforms

Website
rem.info/en

Social
media

Online
newsletters
and sector
updates

Telephone
line
and inbox

Email/SMS
alerts

Work
notices

Activities and dedicated resources

Community
relations
office

Information
sessions

Subscribe to our
newsletters:
rem.info/en/newsletter

Our commitments to citizens and stakeholders

- Listen
- Cooperate
- Mitigate

Within the range of REM



Nuns' Island to
Central Station



6 min.



Nuns' Island to
Édouard-Montpetit



10 min.



Nuns' Island to
airport



30 min.

(approx)



Question & answer period

Réseau
express
métropolitain



REMgrandmtl



REMgrandmtl



1 833 rem-info
(1 833 736-4636)



Info@rem.info

rem.info/en



Île-des-Sœurs Channel bridge



Schématismation à titre indicatif seulement

Station example



For reference only

Three sites to watch on Nun's Island



Île-des-Sœurs
channel bridge

Île-des-Sœurs
station

Elevated structure

Schématisme à titre indicatif seulement



The REM at L'Île-des-Sœurs

Île-des-Sœurs
Channel bridge

Bonaventure Highway

Île-des-Sœurs
station

Pedestrian tunnel

Elevated structure

Bus platforms
Bicycle racks
Drop-off area

For reference only

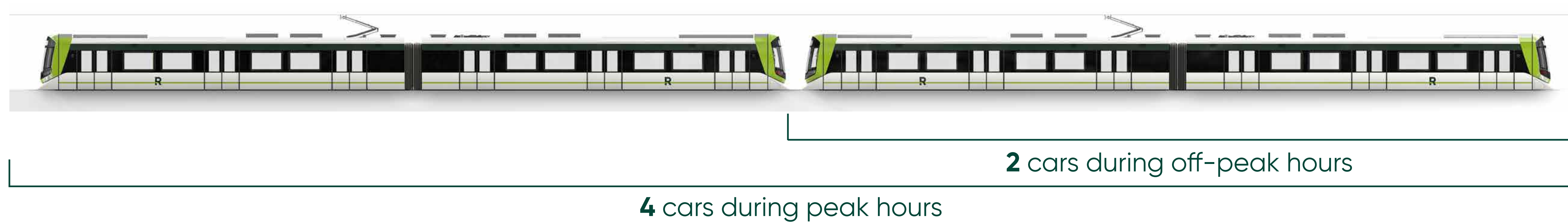
Place du Commerce

René-Lévesque Boulevard



Reliability and efficiency

A high-frequency metro



A system designed to tackle Québec winters



Winter climate testing phase prior to commissioning in one of the best climatic chambers

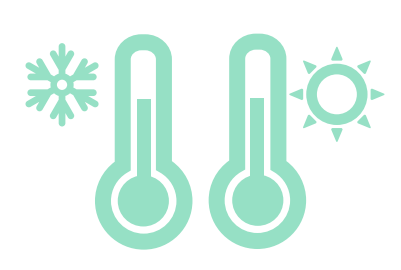


26 integrated and enclosed stations

Enclosed stations



REM stations will be inside enclosed and sheltered buildings. Passengers will be protected from inclement weather while they wait on the platform



Sheltered stations

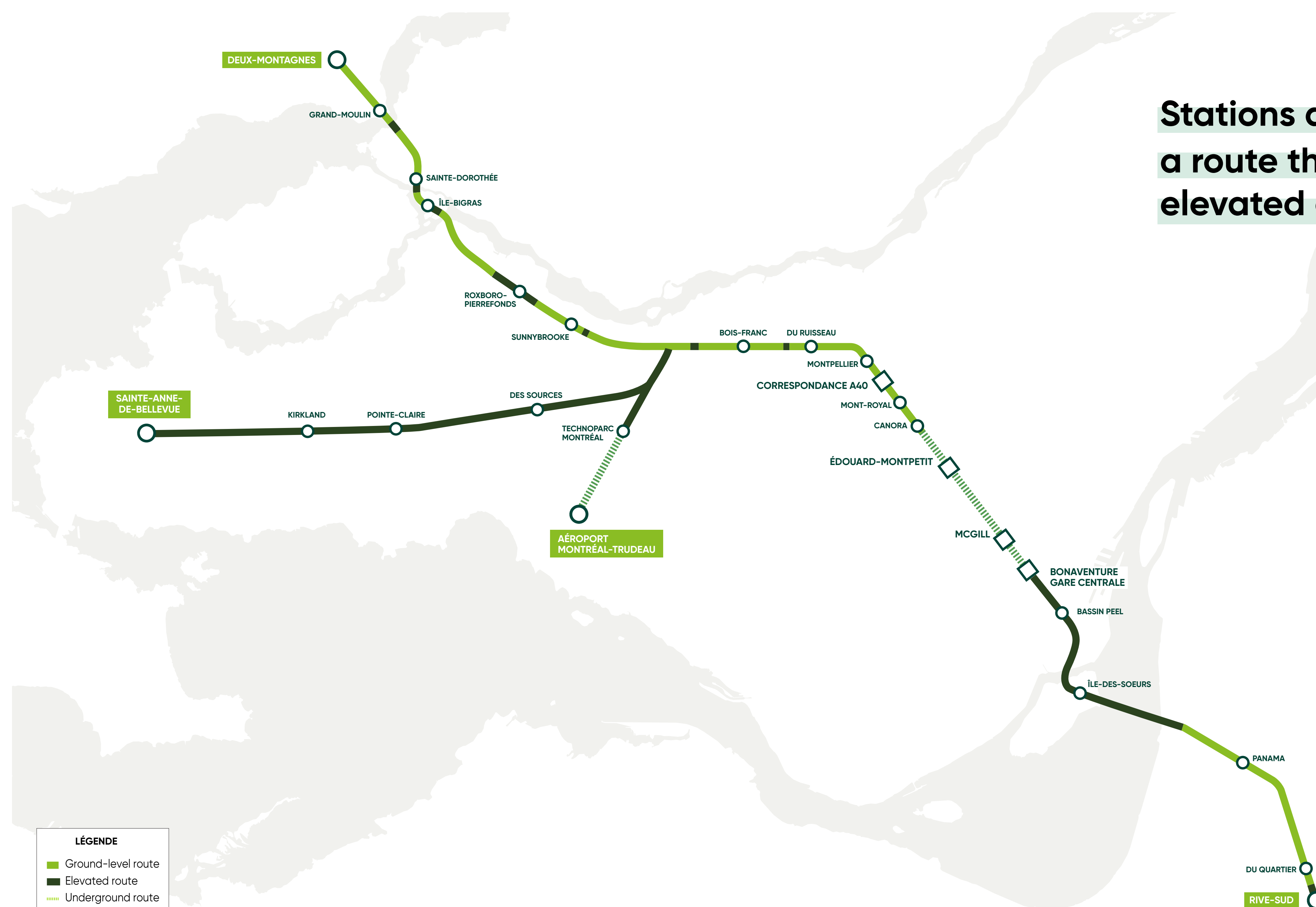


Wi-Fi

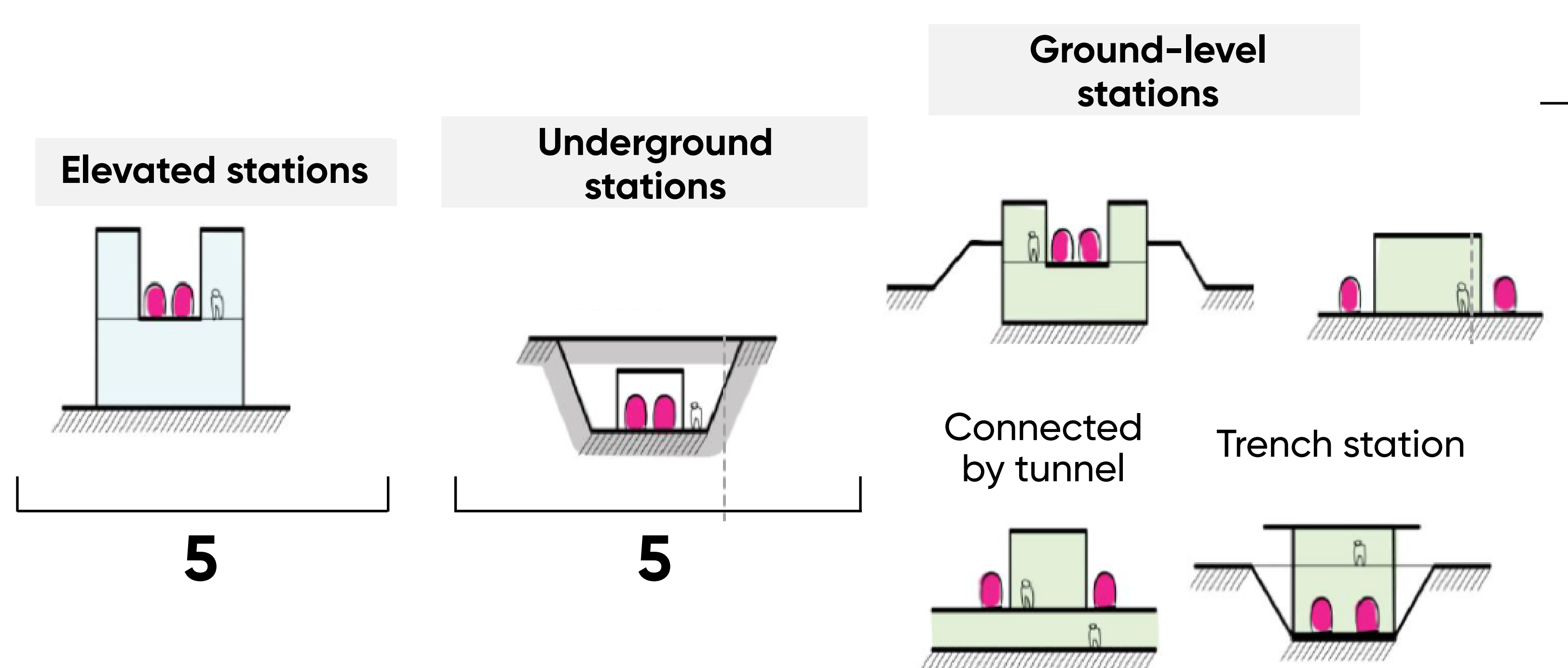


Platforms are 80 m long

Categorization



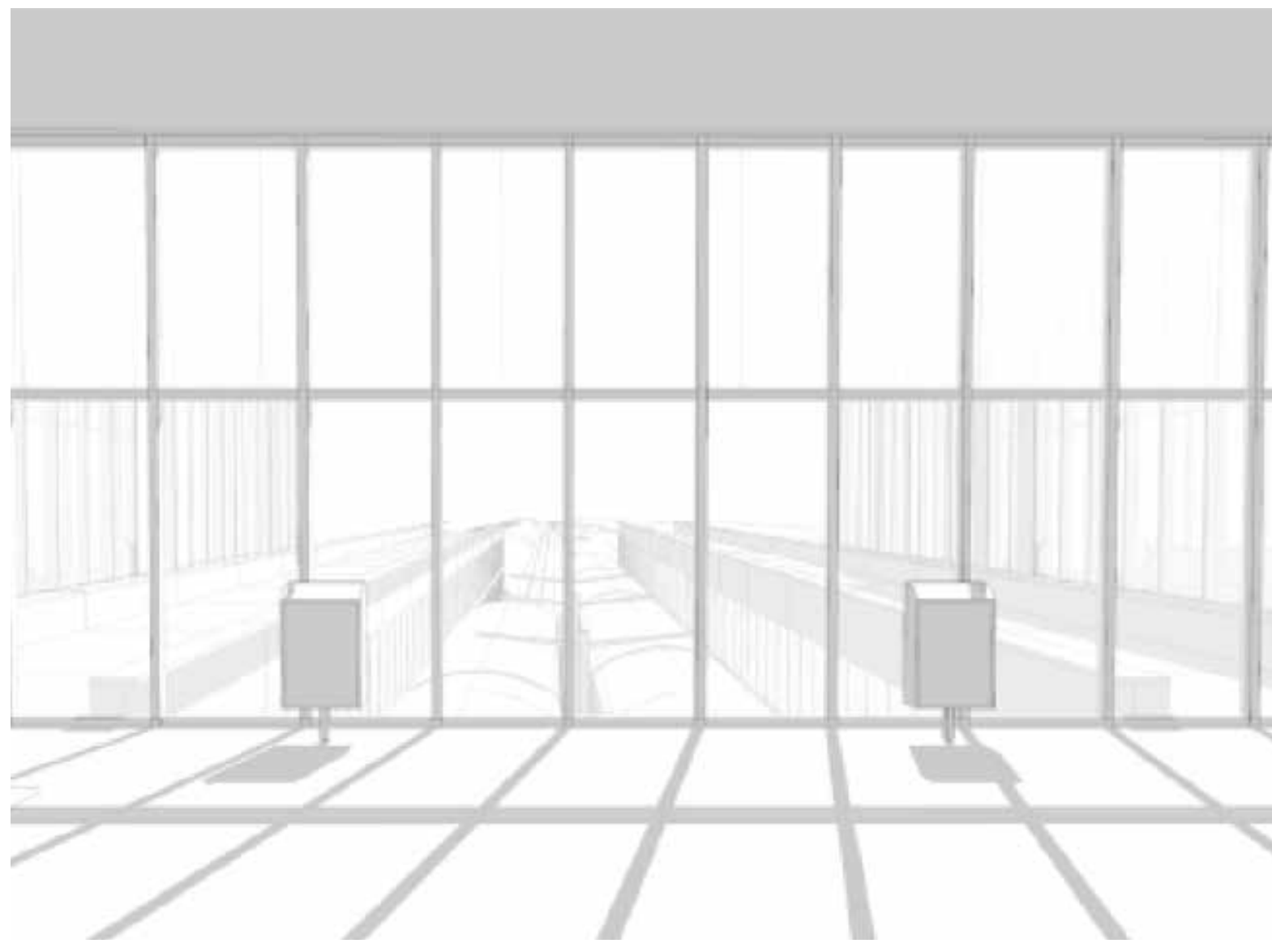
Removal of existing level crossings along the Deux-Montagnes lines, for optimal security.



Architecture

Materials and design principles

Glass



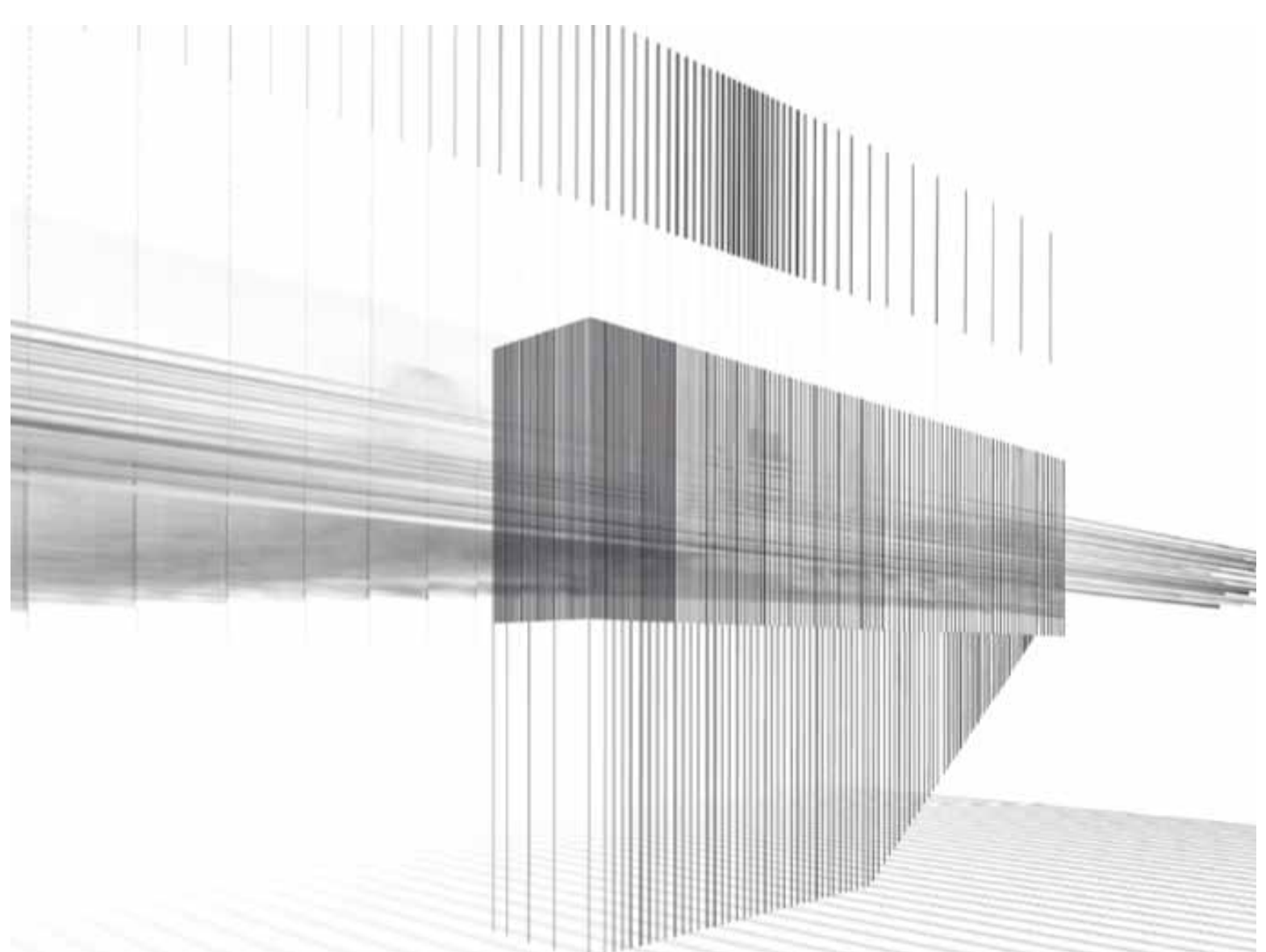
In order to let in as much natural light as possible and for increased safety, the stations are transparent (the concept of seeing and being seen). Fritted glass is used to filter the light.

Wood



Wood is used on station ceilings to provide warmth in the space. This material is used throughout the building and is an integral part of the architectural concept.

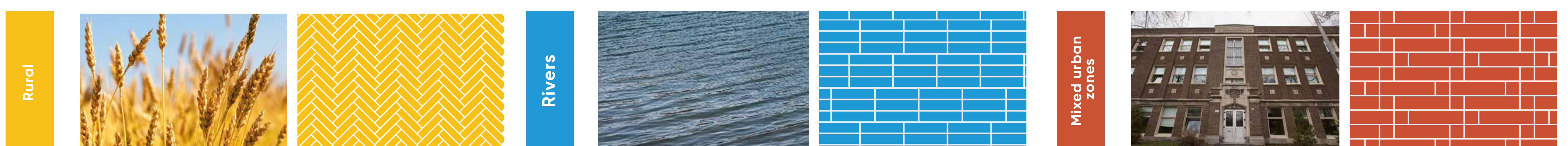
Movement



The expression of movement is a theme that is interpreted in a different way in each station. The use of horizontal and vertical lines serves to express movement in the stations.

Colour strategy

So as to represent the passenger's journey, each branch of the network may be identified by a particular colour that would be visible in the stations, furniture and vegetation.



Coloured surfaces will be visible throughout the stations (tiles, for the most part)

