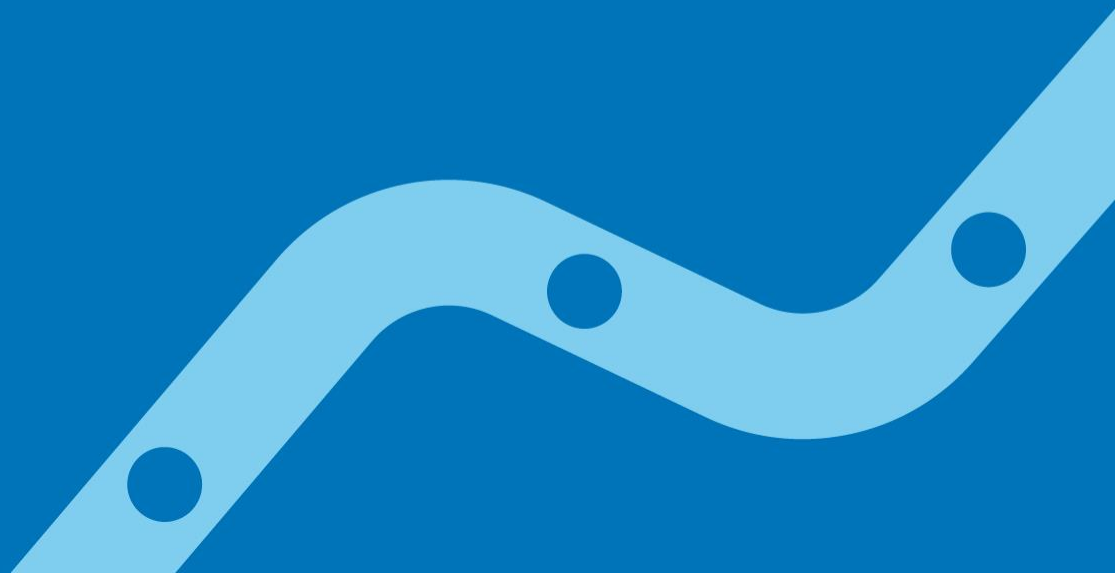


# Public Consultation on the Extension of the Blue Line of Montreal's Metro

February 2020



# A pencil to draw the future



Source: Sprout



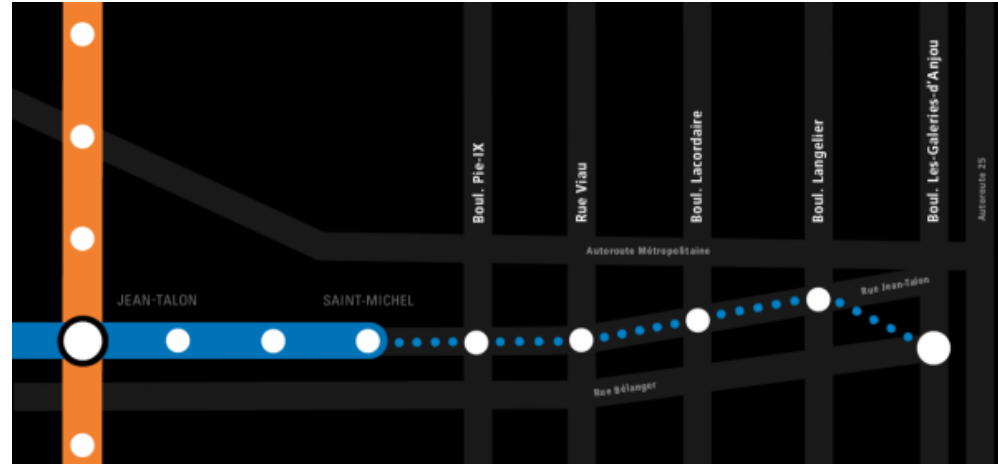
# Project Scope

# Context

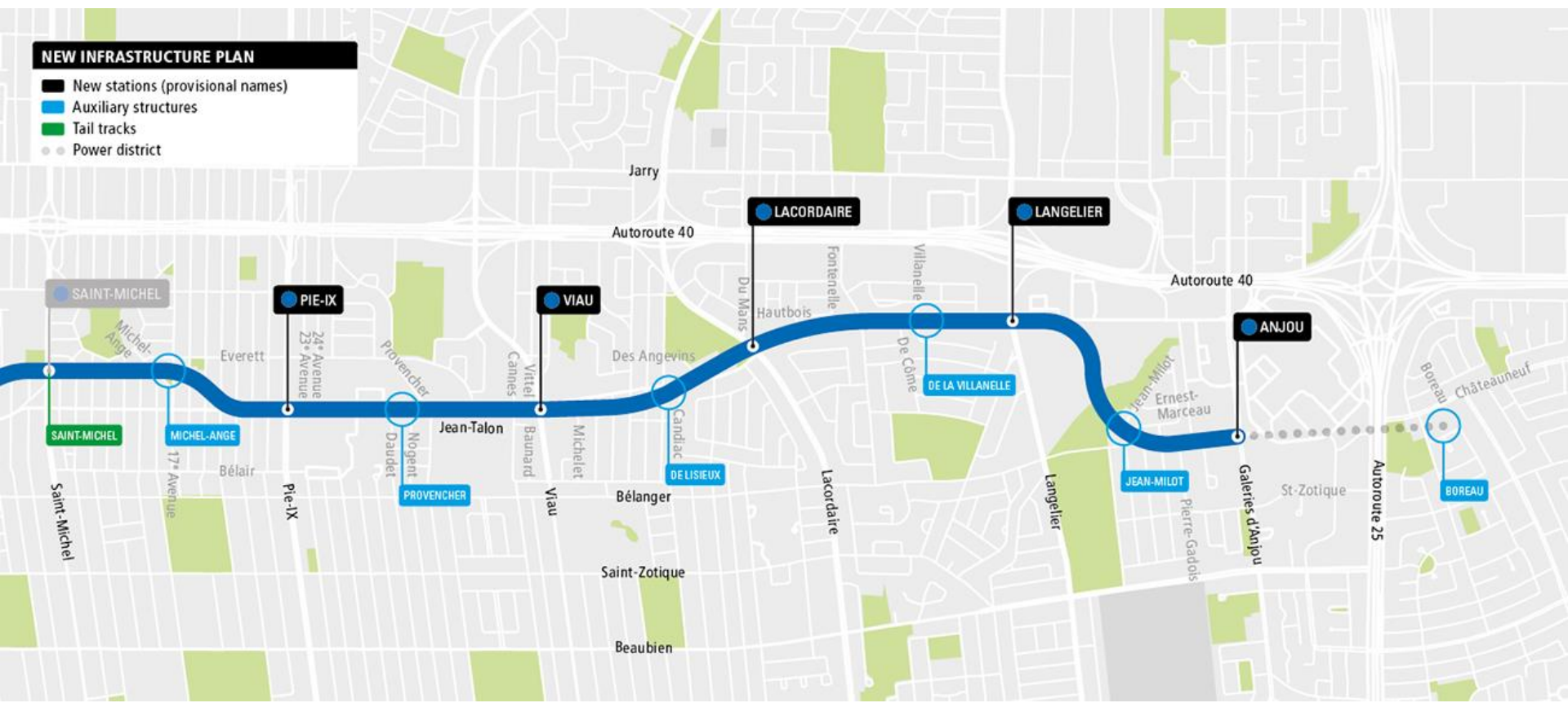
- Bill 76 adopted in May 2016 to modify mainly the organization and governance of public transit in the Montréal metropolitan area
- Transfer of the project to extend the Blue line of the Montréal métro from the Agence métropolitaine de transport (AMT) to the Société de transport de Montréal (STM)
- Collaboration with the ministère des Transports du Québec (MTQ), the Autorité régionale de transport métropolitain (ARTM) and the Société québécoise d'infrastructures (SQI) to optimize the project's key parameters
- Numerous meetings with project stakeholders, including representatives of the boroughs in question and the City of Montréal for the purpose of coordination, since summer 2018

# Nature of the project

- Construction of 5 new universally accessible stations
- Tunnel of 5.8 kilometers in length
- Several operational structures
  - Bus terminus
  - Park-and-ride lot
  - Train garage
  - Connection to Pie-IX BRT
  - Auxiliary structures and emergency exits
  - Service centre
  - Electrical substation



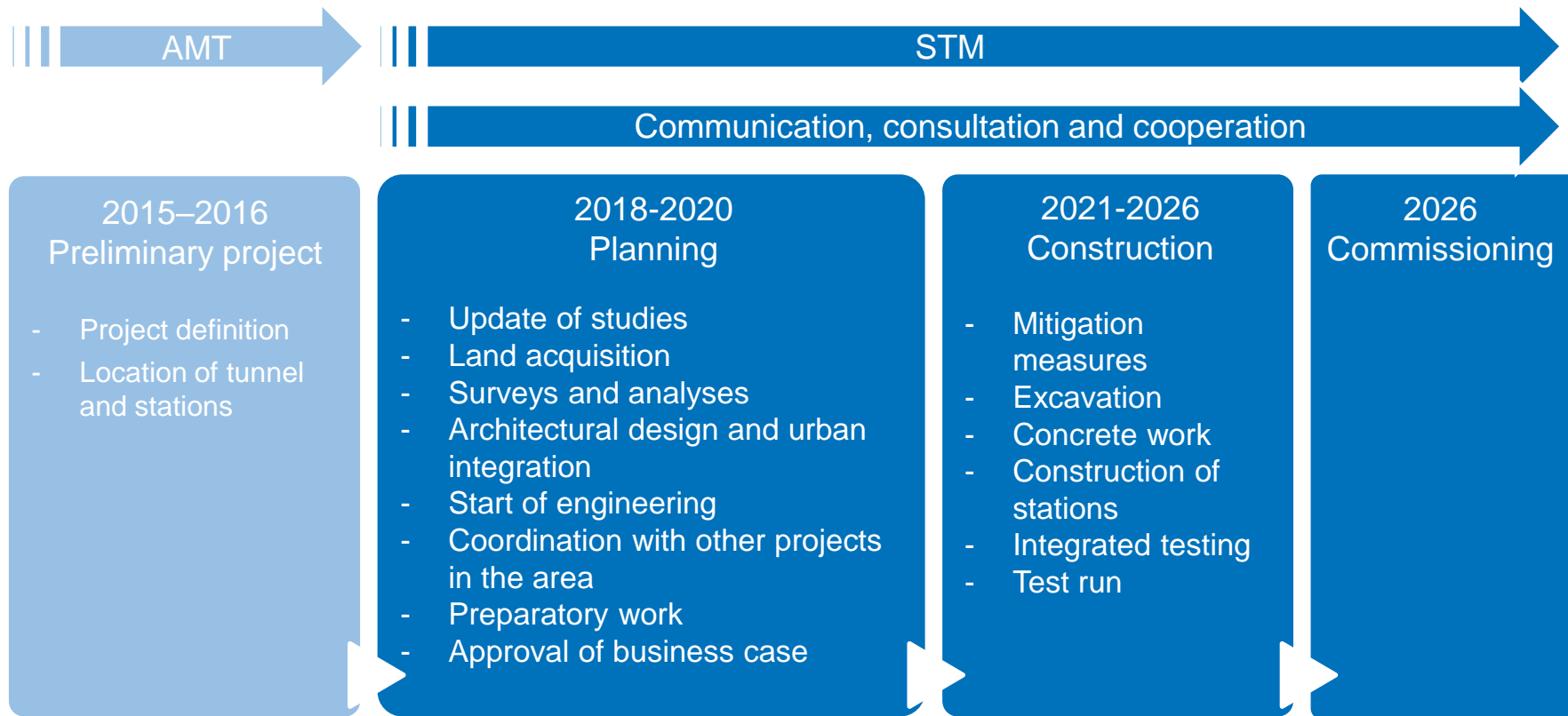
# Extension route



# Project benefits

- Improved mobility across the Montréal metropolitan area
- Increased intermodality and user-friendliness of various modes of transportation
- Support economic and urban development
- Integration of facilities providing universal accessibility
- Sustainable project targeting *Envision* certification

# Project milestones





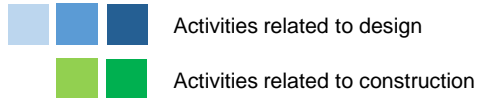
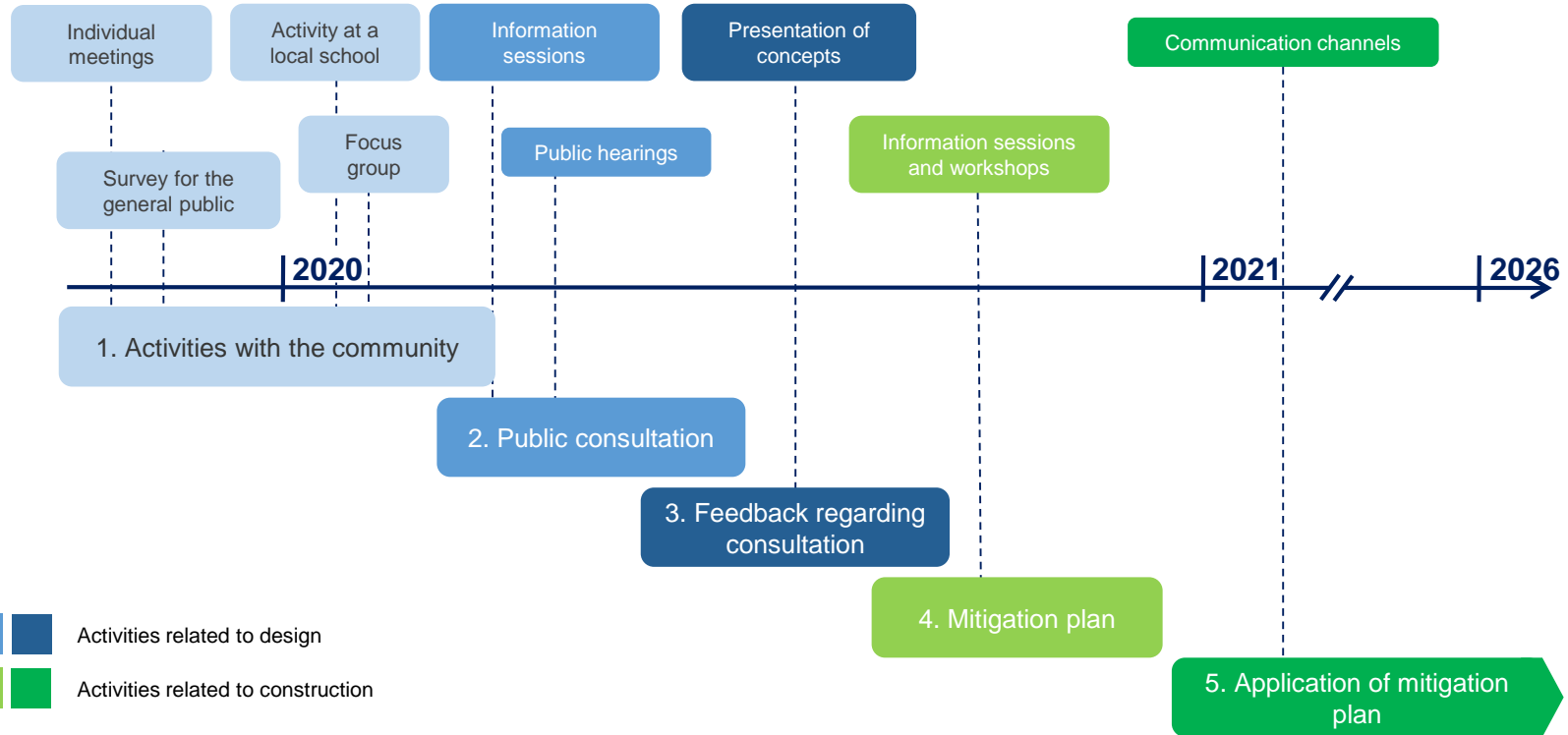
# Consultation Process

# By-law adoption Process

*under section 158.3 of the Act respecting Transit Authorities (R.S.Q., Chapter S-30.01)*

Steps	Target date
Public consultation: Holding of hearing and information sessions	February–March 2020
Report of the commission	Summer 2020
Adoption of by-law by the Montreal Agglomeration Council	Fall 2020
By-law effective date	Fall 2020
Issuance of permits	Fall 2020

# Overall public involvement process





# Montreal's Preliminary Development Vision

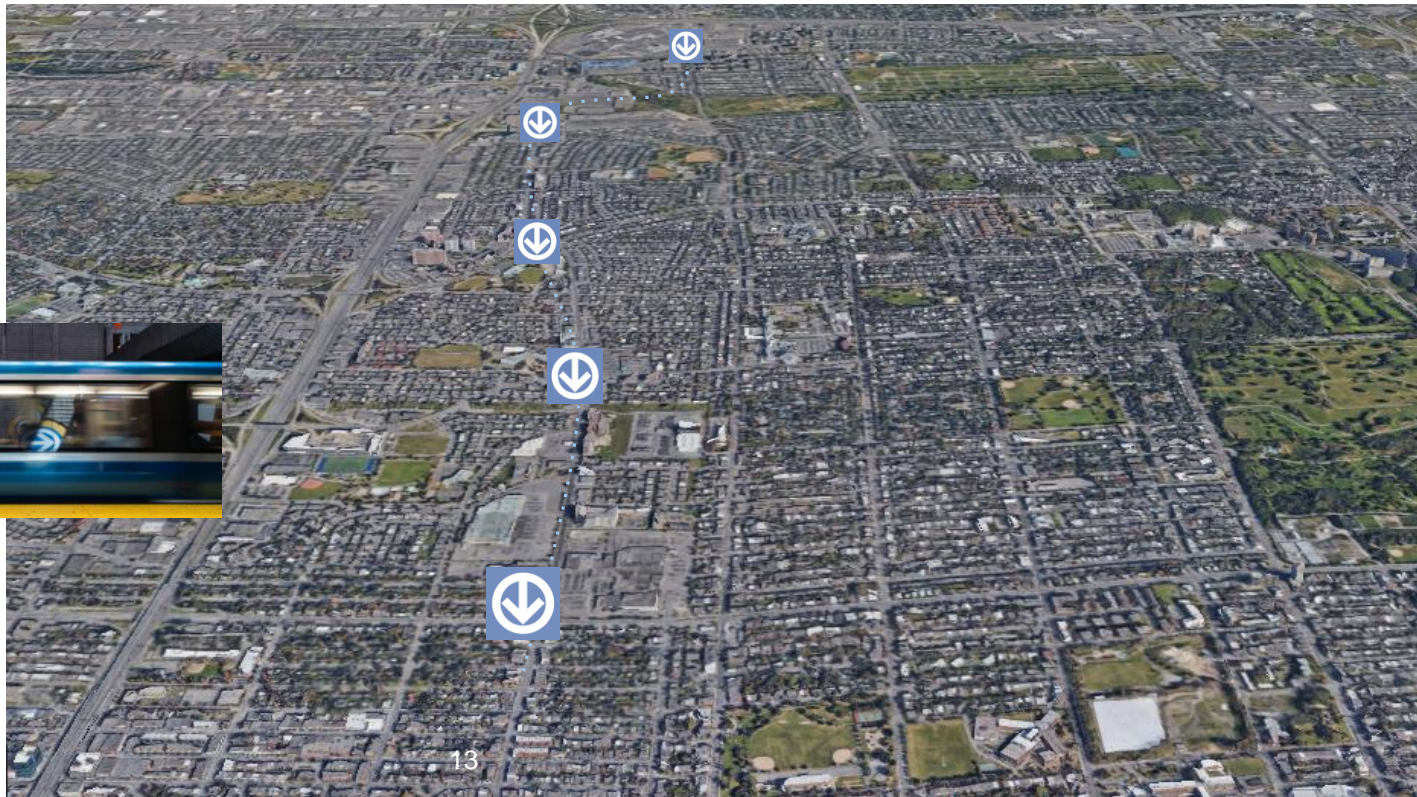
# Preliminary development vision

**City of Montréal**

Public consultation on  
the extension of  
the Blue line

February 11, 13  
and 18, 2020

for the corridor of the Blue line extension





## City of Montréal

Public consultation on  
the extension of  
the Blue line

February 11, 13  
and 18, 2020

> Embodies the four major priorities of the municipal administration

- Sustainable **mobility** with more efficient and user-friendly transportation options
- **Economic development** to revitalize the Jean-Talon East commercial artery
- **Ecological transition:** generous vegetation cover, stormwater management and urban development with a lower carbon footprint
- **Housing**, with residential redevelopment that takes into account the *Règlement pour une métropole mixte* to meet a variety of needs

# Development vision



## City of Montréal

Public consultation on  
the extension of  
the Blue line

February 11, 13  
and 18, 2020

- Will **help breathe new life into the east end of Montréal** following the **Declaration** made to this effect by the Government of Québec and the City of Montréal
- Serves as a road map to **guide development efforts** for the territory served by the future métro and **maximize the spinoffs**
- Provides an opportunity to **rethink urban planning and mobility** so as to improve the **quality of life for residents**
- Guides the **renewal and works** in the **vicinity of the future stations** according to **specific criteria** (development guidelines)





# Development vision

## City of Montréal

Public consultation on  
the extension of  
the Blue line

February 11, 13  
and 18, 2020

### > In three major orientations

1. **The métro** line extension, a **source of urban renewal** for the area
2. **Redesigned** collective and active **mobility**
3. **Renewal** with a limited **ecological footprint**





# Development vision



City of Montréal

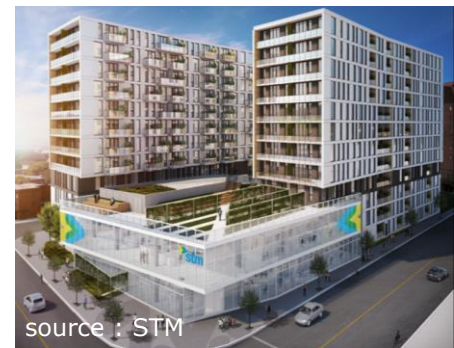
Public consultation on  
the extension of  
the Blue line

February 11, 13  
and 18, 2020

> In three major orientations and **objectives**

**1** The métro line extension, a **source of urban renewal** for the area

- **Diversify** urban activities to enable the creation of **complete and vibrant living environments**
- **Densify** the vicinity around **métro stations** and **underused land**





City of Montréal

Public consultation on  
the extension of  
the Blue line

February 11, 13  
and 18, 2020

> In three major orientations and **objectives**

## 2 Redesigned collective and active **mobility**

- Redefine the **public transit** grid with **anchor points** determined by métro access
- Make **pedestrians and active transportation the focal point of mobility** in that area once again
- Ensure the deployment of **innovative mobility solutions**





City of Montréal

Public consultation on  
the extension of  
the Blue line

February 11, 13  
and 18, 2020

> In three major orientations and **objectives**

## 3 **Renewal** with a **limited ecological footprint**

- Generously **increase** the **vegetation cover** and distribute it through the network
- Ensure the **ecological management** of water
- Maintain **high standards** for the area's renewal with regard to **construction** and **architecture**, **urban planning** and **urban design**



# Development vision

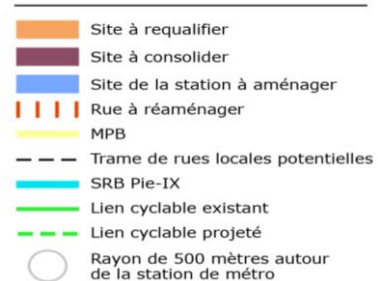


## City of Montréal

Public consultation on  
the extension of  
the Blue line

February 11, 13  
and 18, 2020

> **General criteria** to **guide the renewal and interventions** in the vicinity of the future métro stations



**Pie-IX**



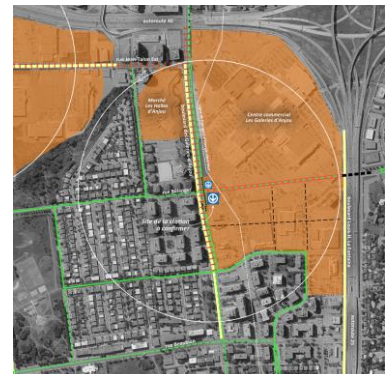
**Viau**



**Lacordaire**



**Langelier**



**Anjou**

# Development vision



## City of Montréal

Public consultation on  
the extension of  
the Blue line

February 11, 13  
and 18, 2020

## Next steps for the City and boroughs

**Presentation of  
vision for public  
consultation  
(STM)**

Adoption of the  
Jean-Talon East  
PPU (Saint-  
Léonard)

Adoption of the regulation  
authorizing the métro's  
construction

Development of local urban planning tools  
(Anjou and Langelier sectors)



**Ongoing collaboration by the City and boroughs with the STM and partners** (planning  
and implementation phases)

**End of métro  
project**



## City of Montréal

Public consultation on  
the extension of  
the Blue line

February 11, 13  
and 18, 2020

Thank you

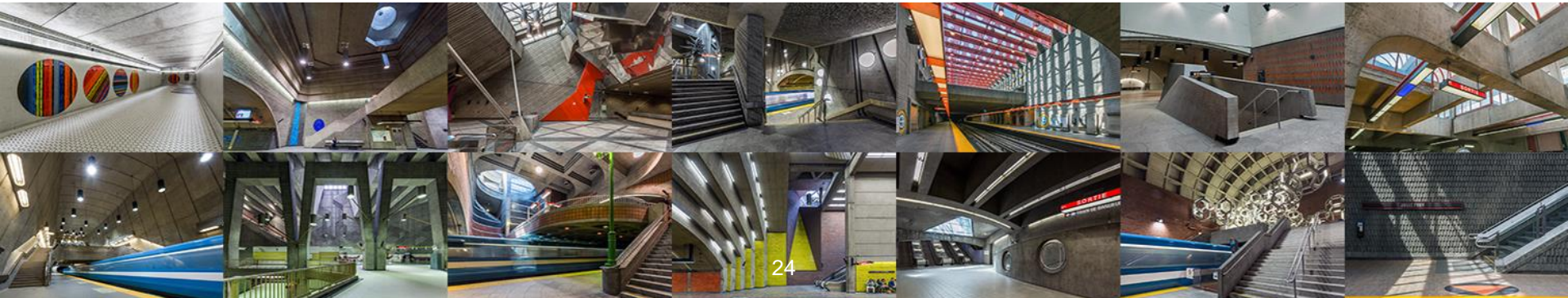




# Architectural Process – Future Stations

# Architectural process

- Implementation of a *Comité consultatif d'intégration architecturale, urbaine et patrimoniale* (CCIAUP):
  - A multidisciplinary committee composed of area experts, elected officials, and project representatives
  - Promotes independence in the choices made and facilitates consensus
- Mission: to recommend the architectural process and urban integration principles for the project
- Fits in with the architectural direction of the current network: *unique design for each station*
- Focuses on representation and the showcasing of heritage and historic elements

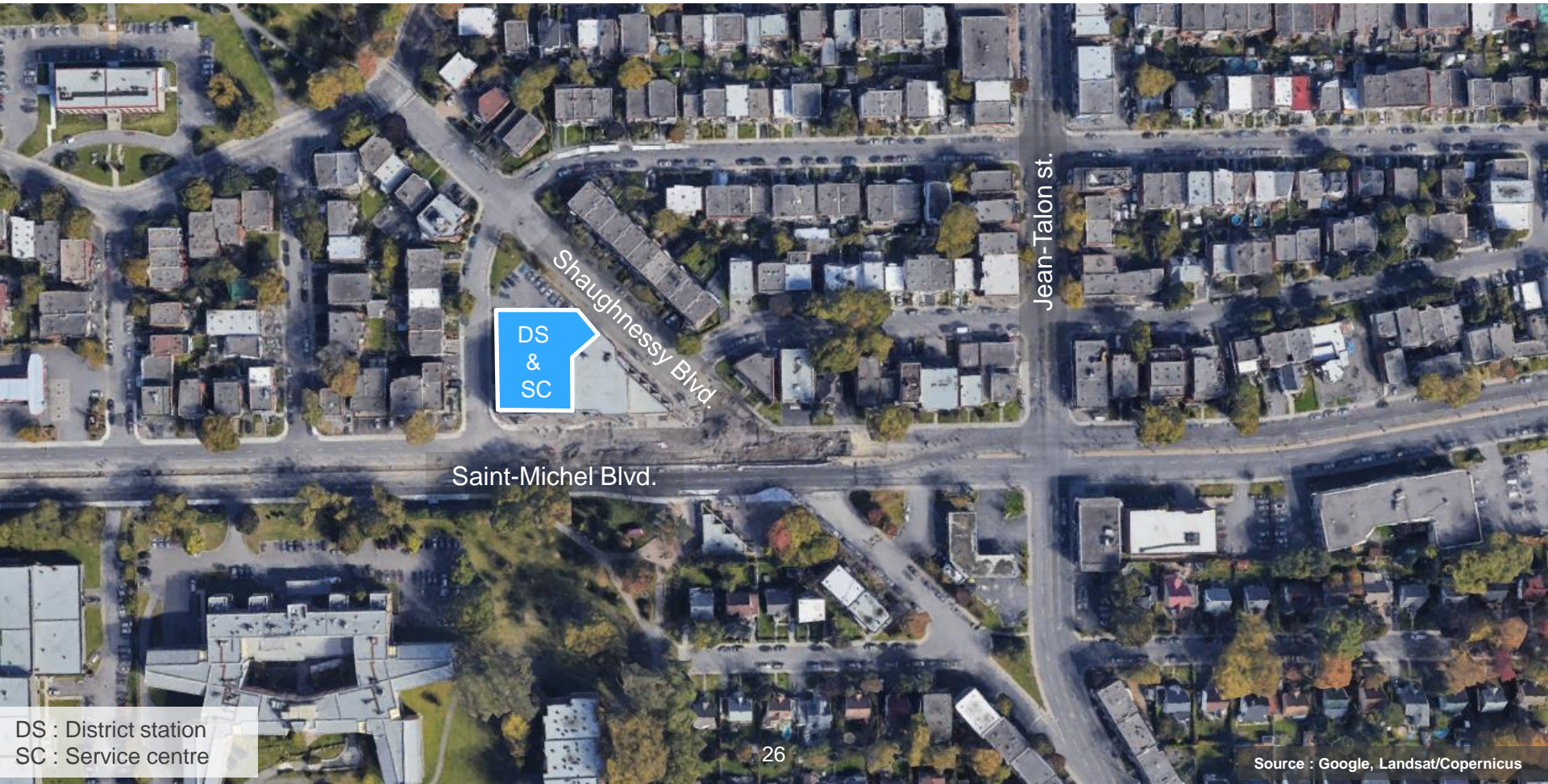






# Location of Future Stations

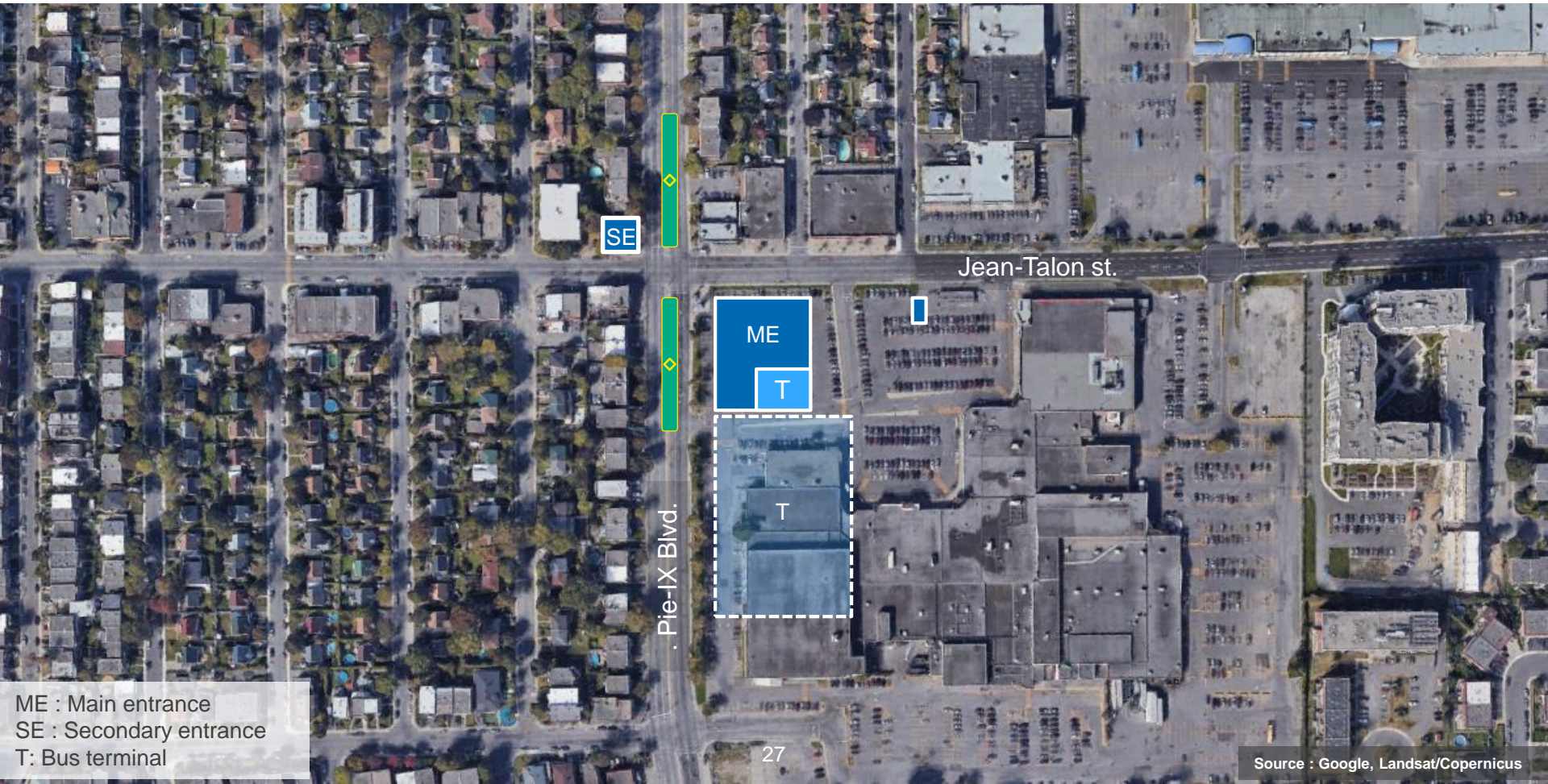
# Saint-Michel District Station and Service Centre



DS : District station  
SC : Service centre



# Pie-IX station (provisional name)



ME : Main entrance  
SE : Secondary entrance  
T: Bus terminal





SE

Jean-Talon st.

Viau Blvd.

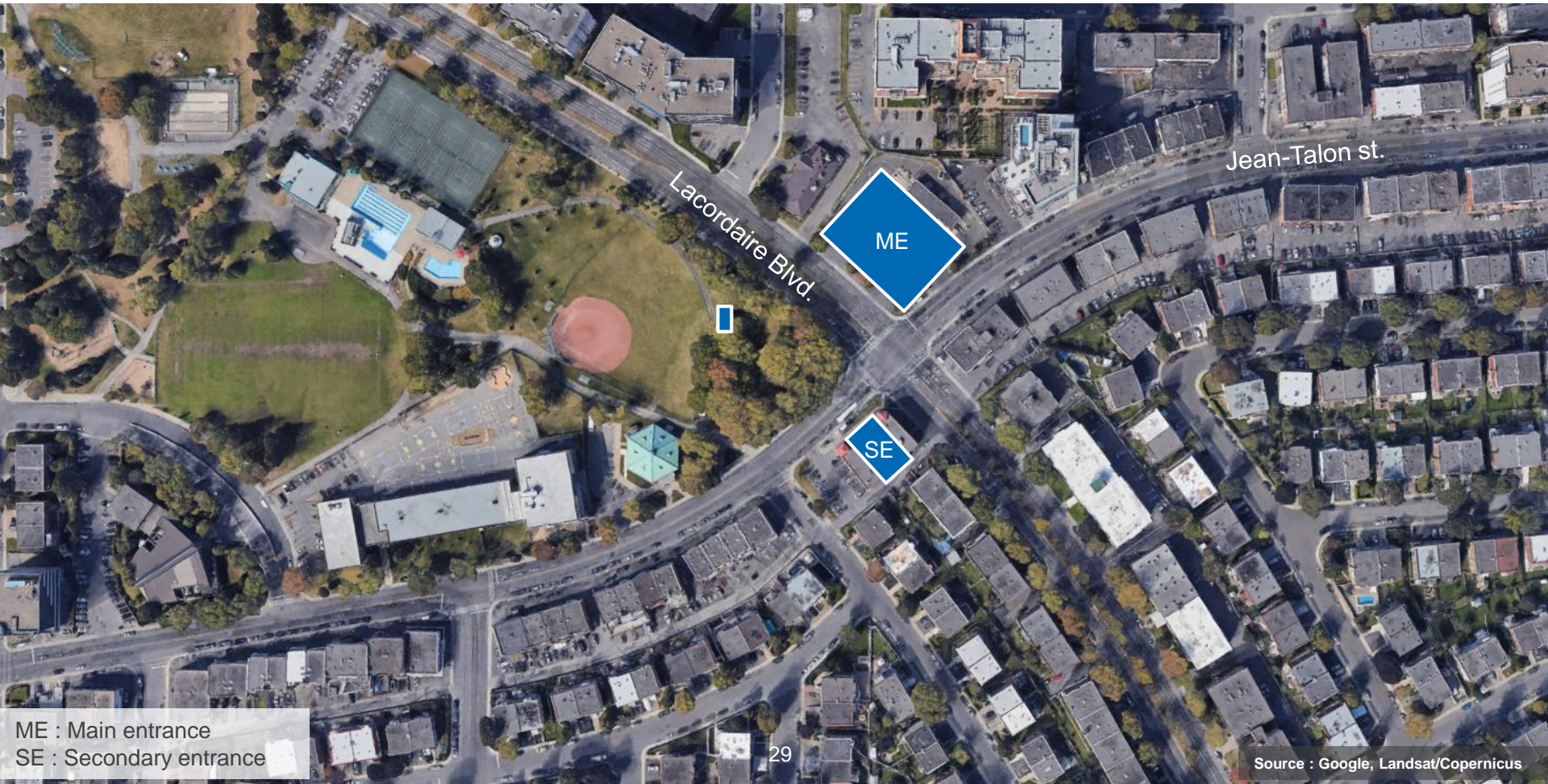
ME

28

ME : Main entrance  
SE : Secondary entrance



# Lacordaire station (provisional name)



ME : Main entrance  
SE : Secondary entrance



# Langelier station (provisional name)



SE

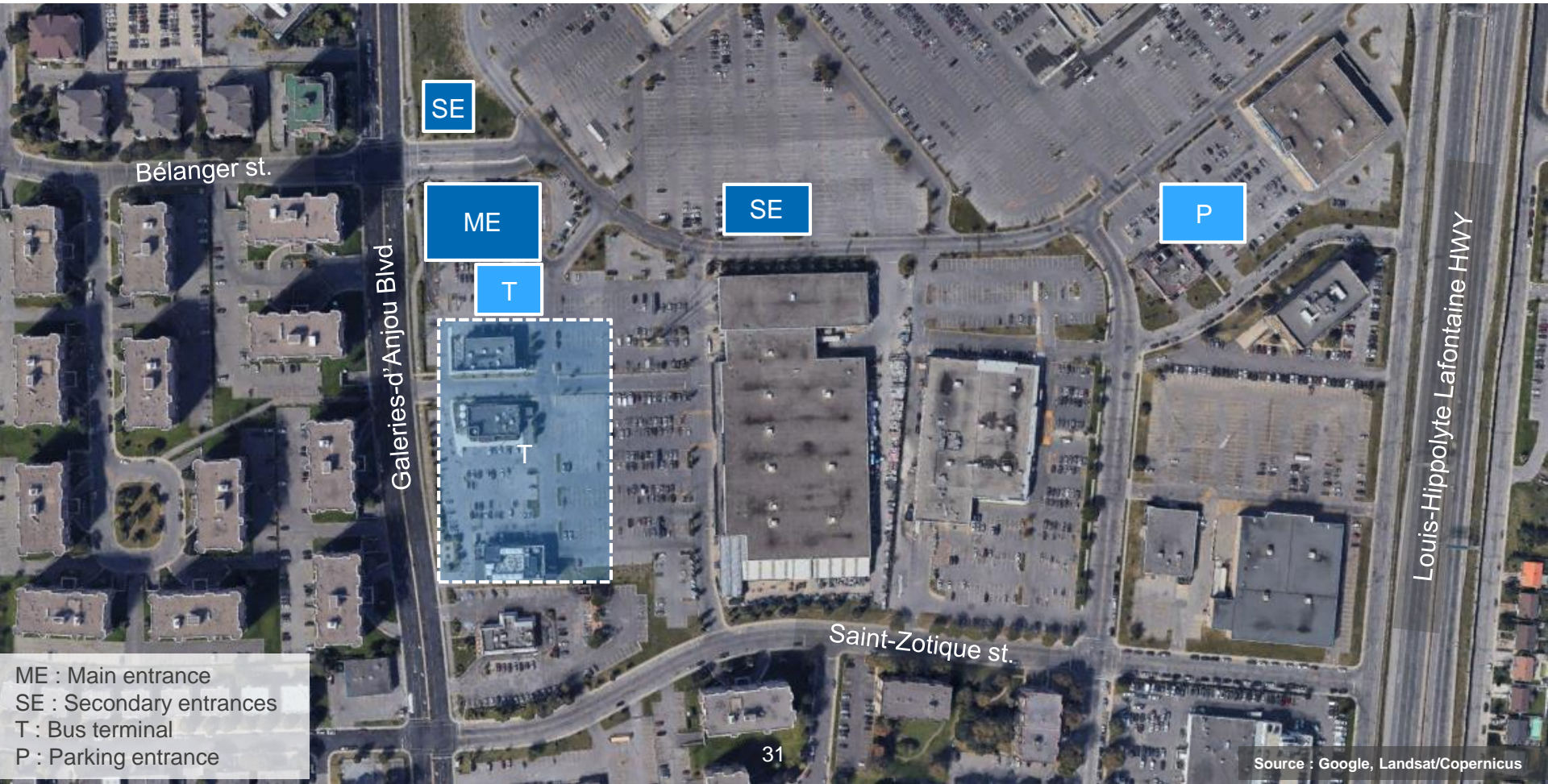
ME

Jean-Talon st.

Langelier Blvd.



# Anjou station (provisional name)



ME : Main entrance  
SE : Secondary entrances  
T : Bus terminal  
P : Parking entrance



# Integration of Operational Structures



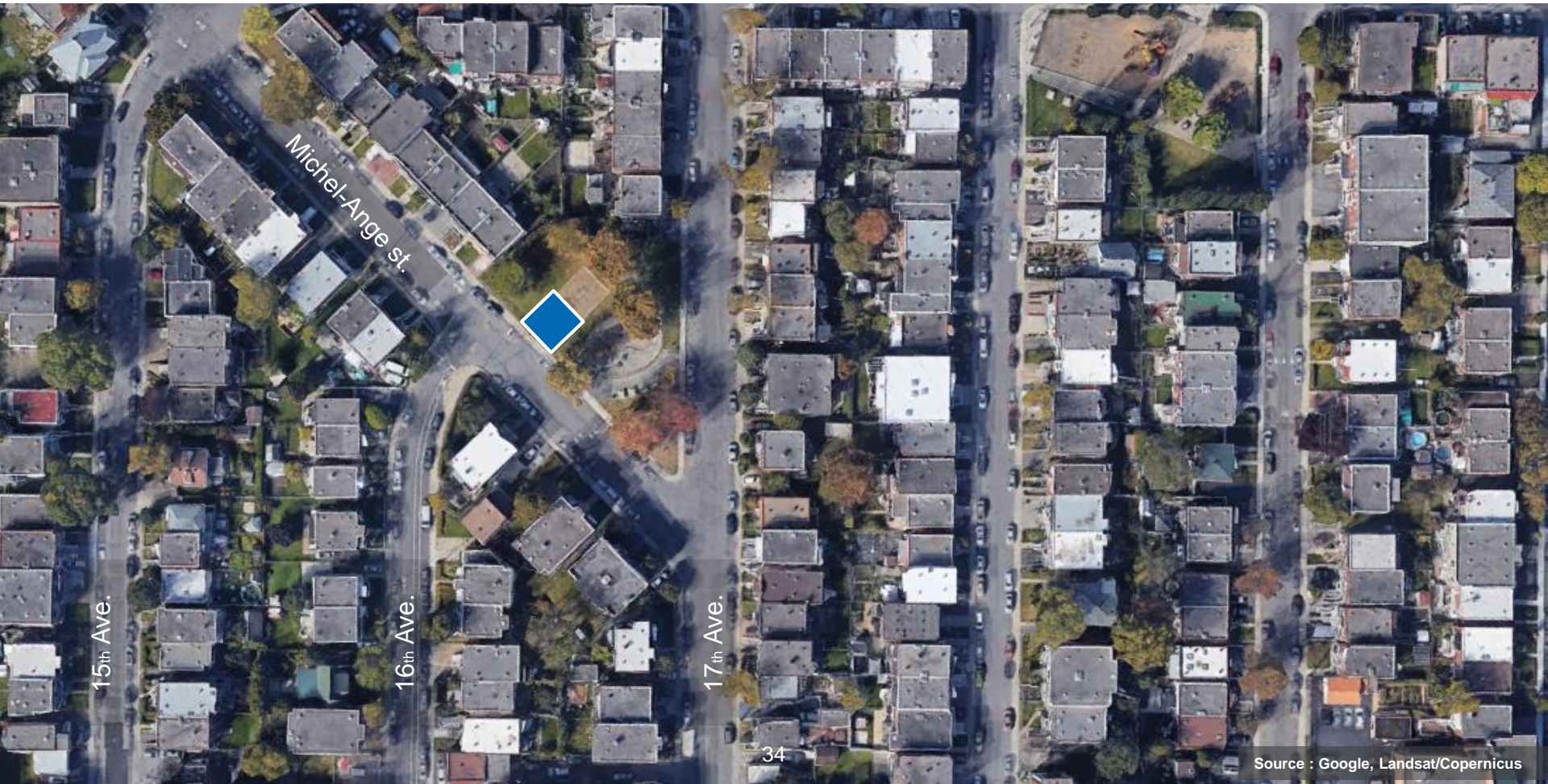
# Auxiliary structures

## Nature of the equipment

- Infrastructures located between each station to connect the métro tunnel to the surface and allow the network to function properly
- Functions:
  - ventilate the metro network
  - remove seepage water
  - emergency exits in case of incident
- Ventilation structure equipped with specialized silencers

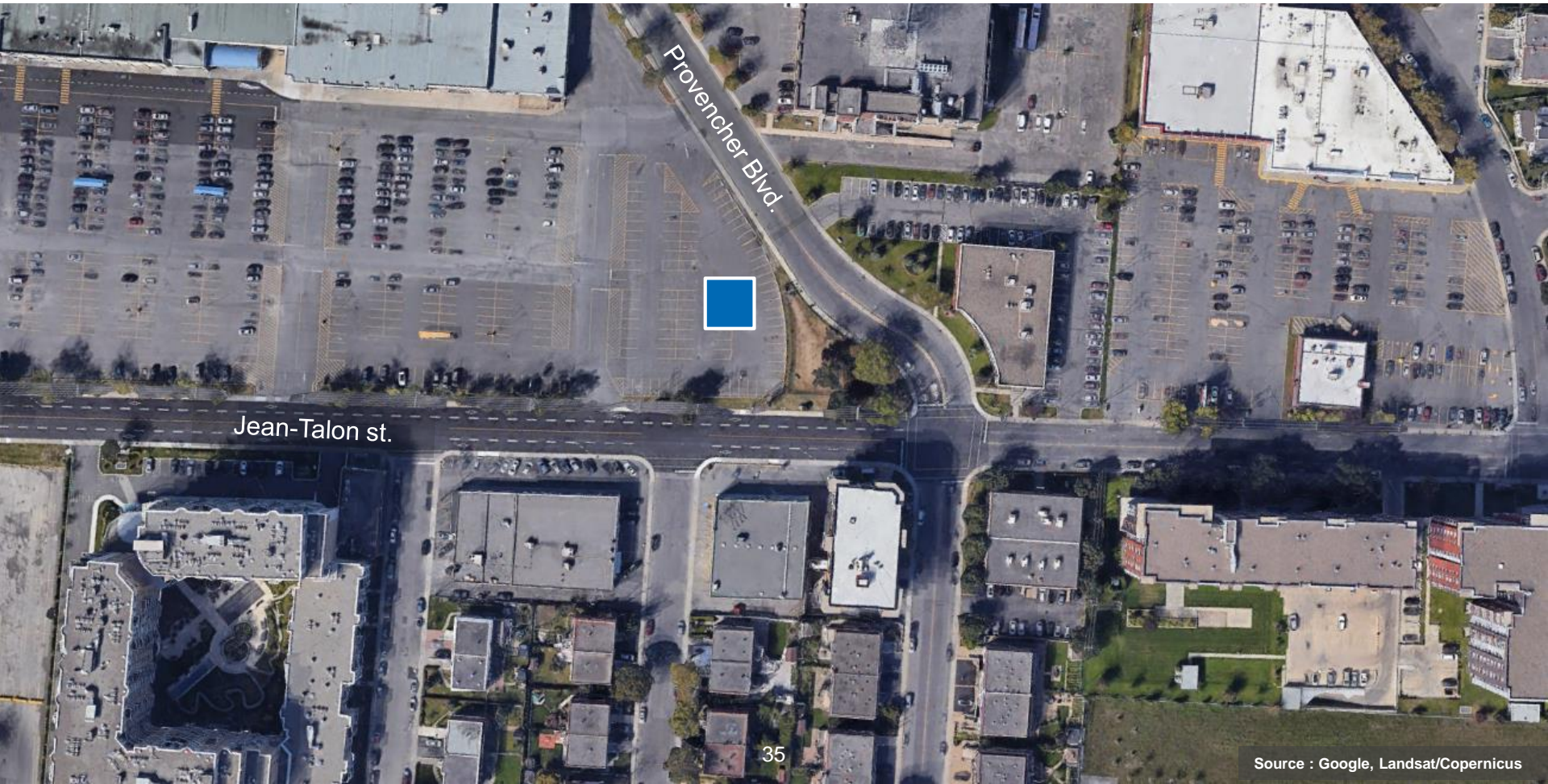


# Auxiliary structure 1 – Michel-Ange



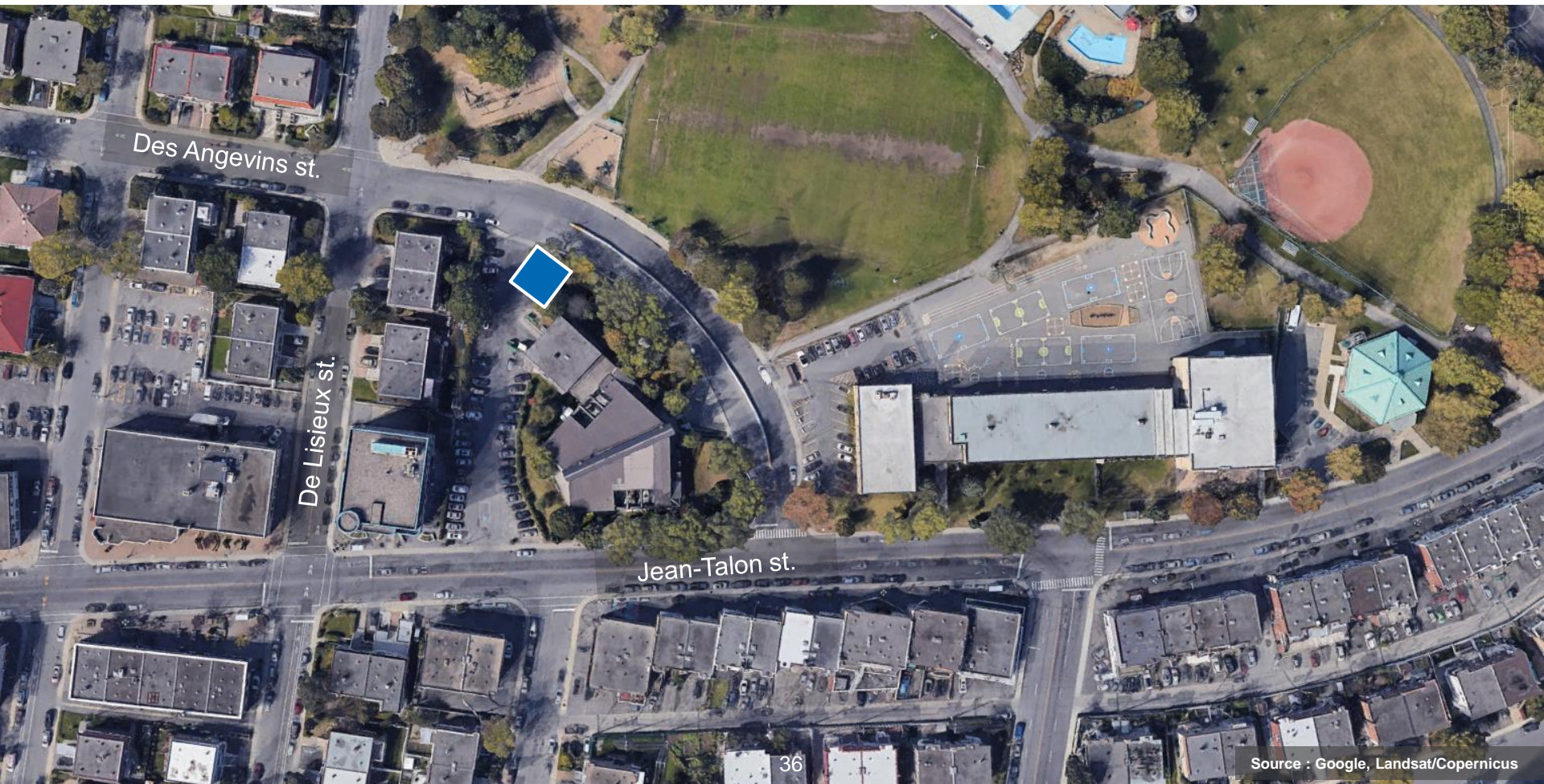


# Auxiliary structure 2 – Provencher



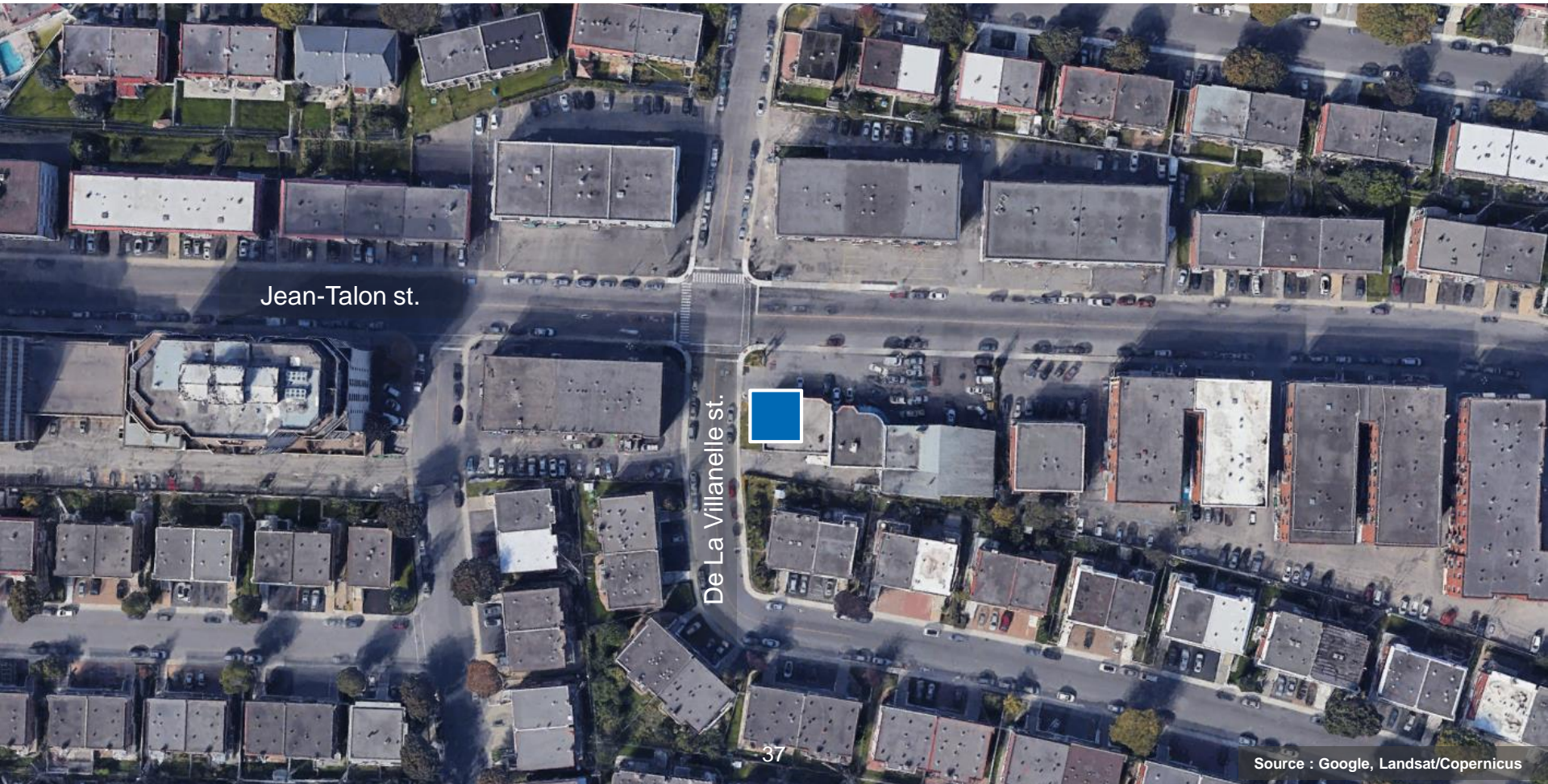


# Auxiliary structure 3 – De Lisieux



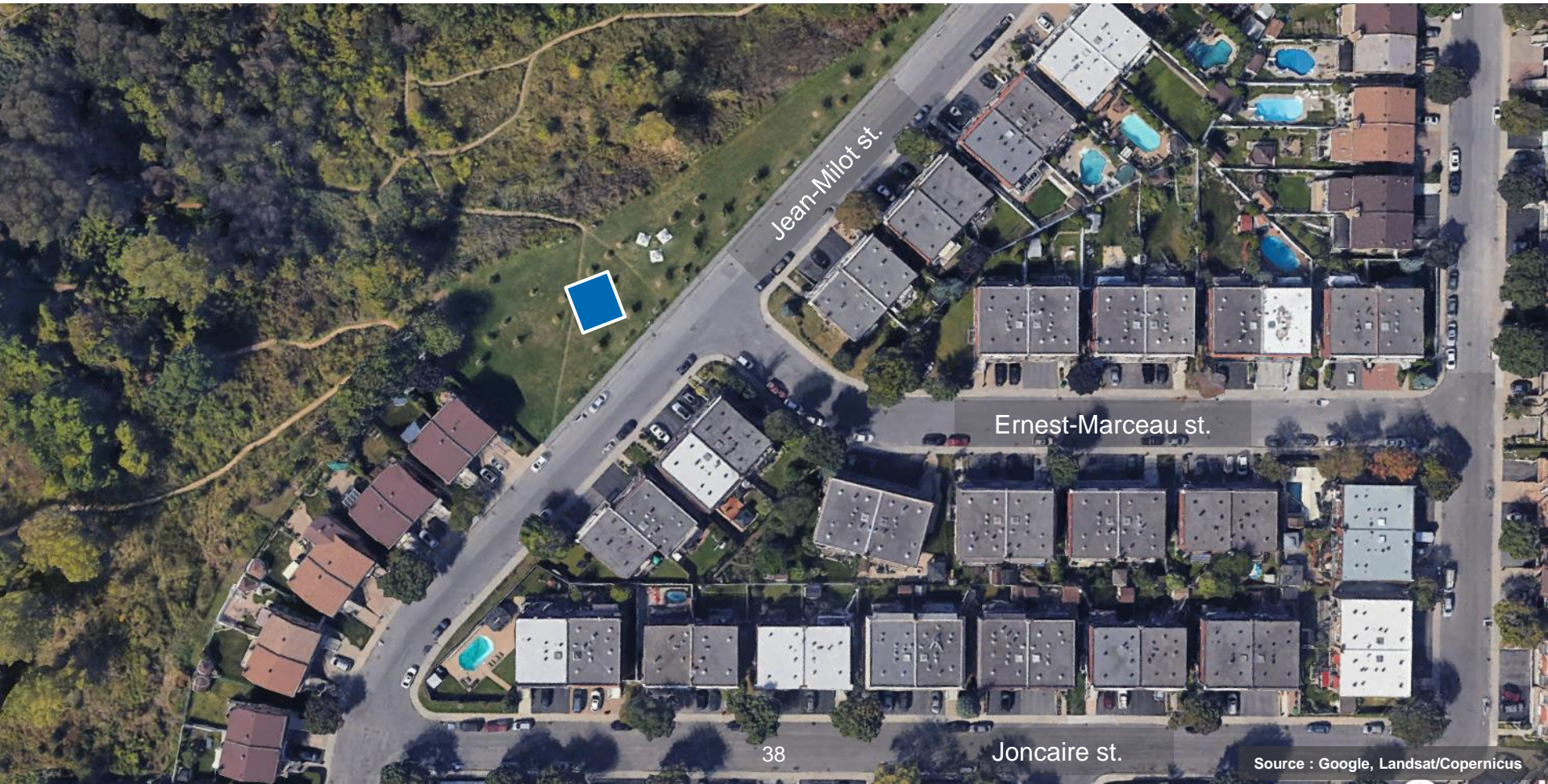


# Auxiliary structure 4 – De La Villanelle



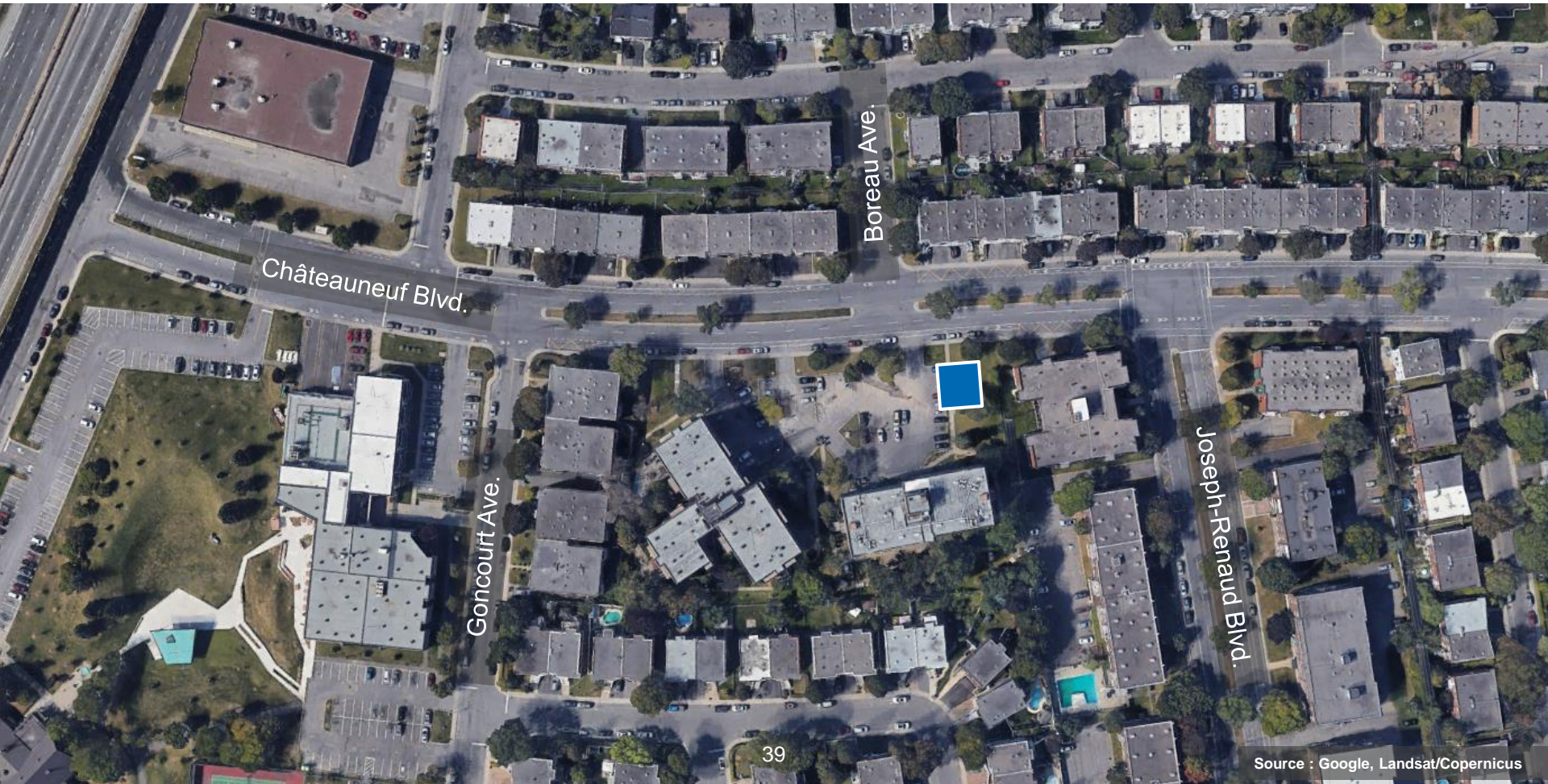


# Auxiliary structure 5 – Jean-Milot





# Auxiliary structure 6 – Boreau



# Work Plan



# Definition of a mitigation plan

- Benchmarking of best practices at similar worksites
- Workshops involving project partners and members of the community
- Conducting of various studies aimed at optimizing the work
  - Mobility maintenance study during construction
  - Traffic study
  - Assessment of soil quality and decontamination measures
  - Evaluation of measures to ensure dust control and maintenance of air quality during construction
  - Evaluation of measures to ensure noise control during construction work
- Consultation with customers and residents (fall 2020)

# Mitigation measures

- Traffic plan aimed at maximizing traffic safety and flow in areas targeted by the extension of the blue line
- Specific communication channels to facilitate discussions between residents and the STM
  - Liaison officers around the worksites
  - Liaison and neighborhood committees
- Specific measures for minimizing impacts around worksites
  - Dust, noise and vibration management
  - User-friendly worksite planning and signage

# Upcoming steps

# Hearing sessions

- February 26<sup>th</sup> – Hôtel Montréal Métropolitain, 3400 Crémazie Boulevard East
- March 2<sup>nd</sup> – Leonardo Da Vinci Center, 8370 Lacordaire Boulevard
- March 4<sup>th</sup> – Studio danse 360 et un, 8600 Parkway Boulevard
- Deadline to submit a written statement or opinion to be presented: **3 days before** each session
- Deadline to submit a written statement or opinion without presenting it during a session:  
March 4<sup>th</sup>
- Guided questionnaire available online to facilitate citizen participation

# Stay informed

- <http://www.stm.info/lignebleue>
- (514) STM-INFO / (514) 786-4636

# Next steps

- Commission report (summer 2020)
- Proposal of architectural concepts (summer 2020)
- Sessions on construction and mitigation measures (fall 2020)



Thank you

