

ENVISIONING CHANGE FOR
THE HEART OF THE ISLAND

overview

01 introduction

02 context

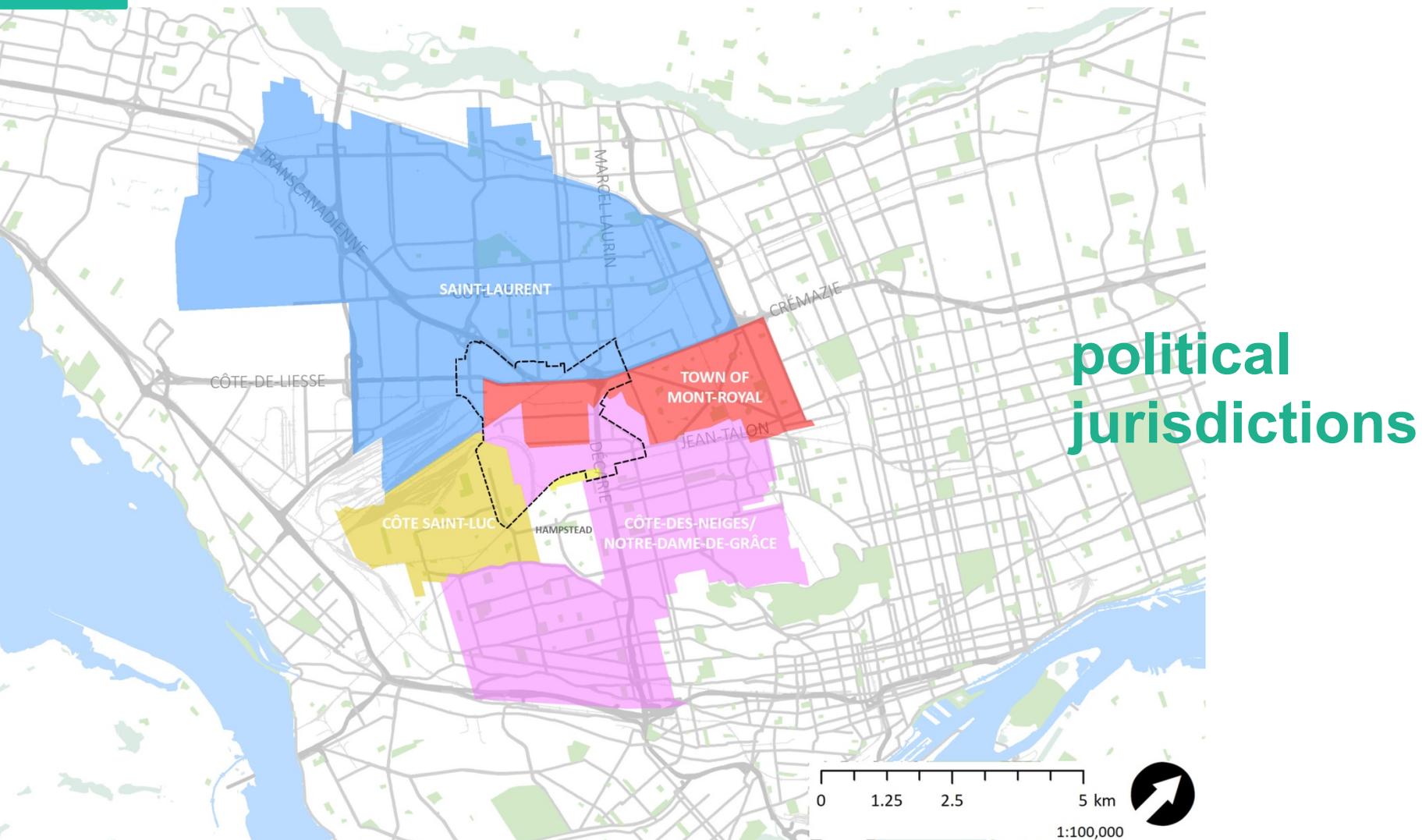
03 key challenges

04 vision

05 Green & electric network

06 interventions

07 future directions



2] context

the sector in numbers

current



15,700 residents



**25% of residents over 65
in the sector**

16% in Island of Montreal



22,500 jobs



**Wide range of income
and house value**



**95 000+ daily trips to
and from the sector**

80% by car



**13,000 hours of congestion
daily**

future

40,000 future
residents from the
upcoming projects

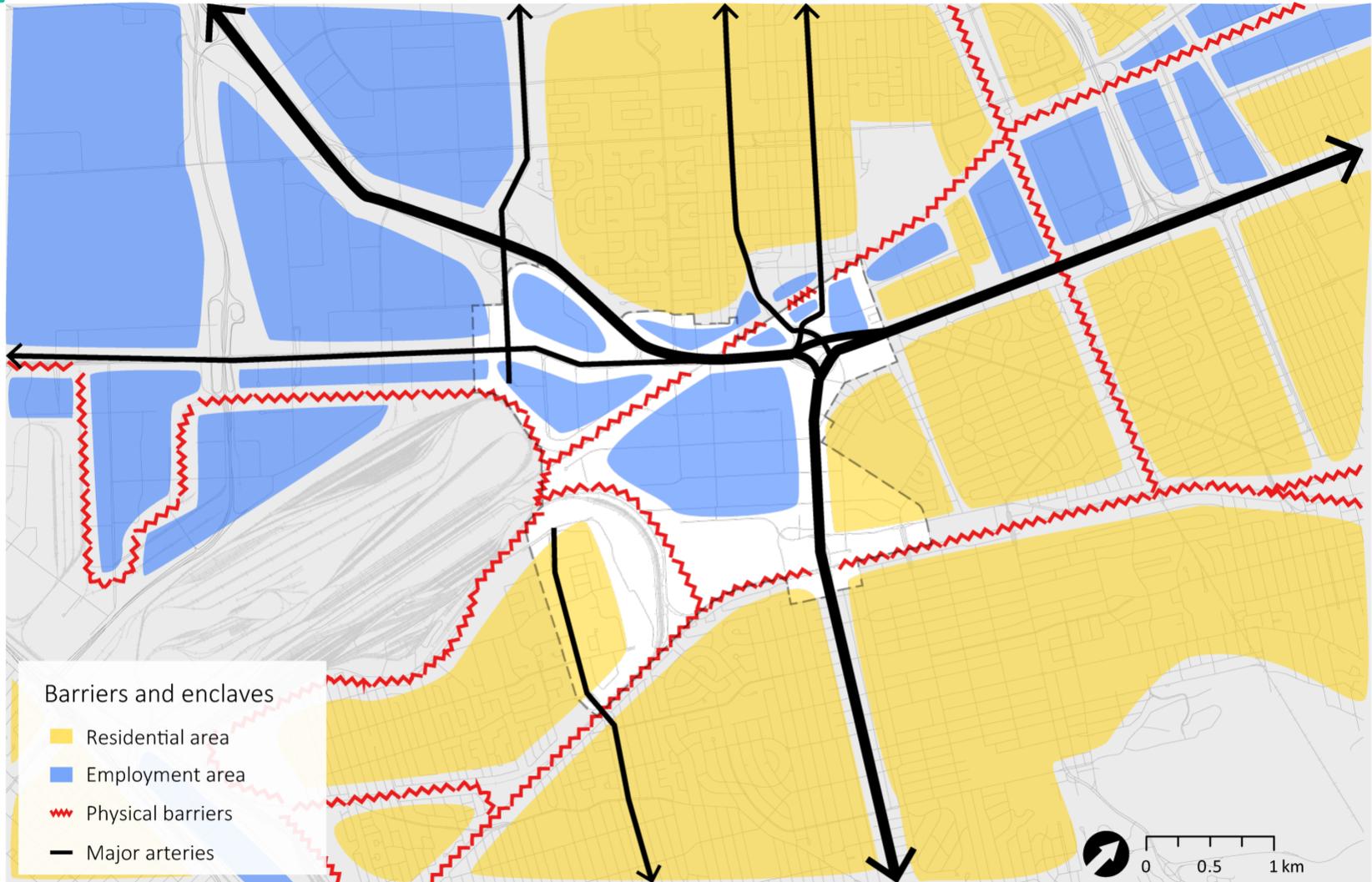
140,000 future
trips attracted by and **36,850**
generated by Royalmount
alone

upcoming developments



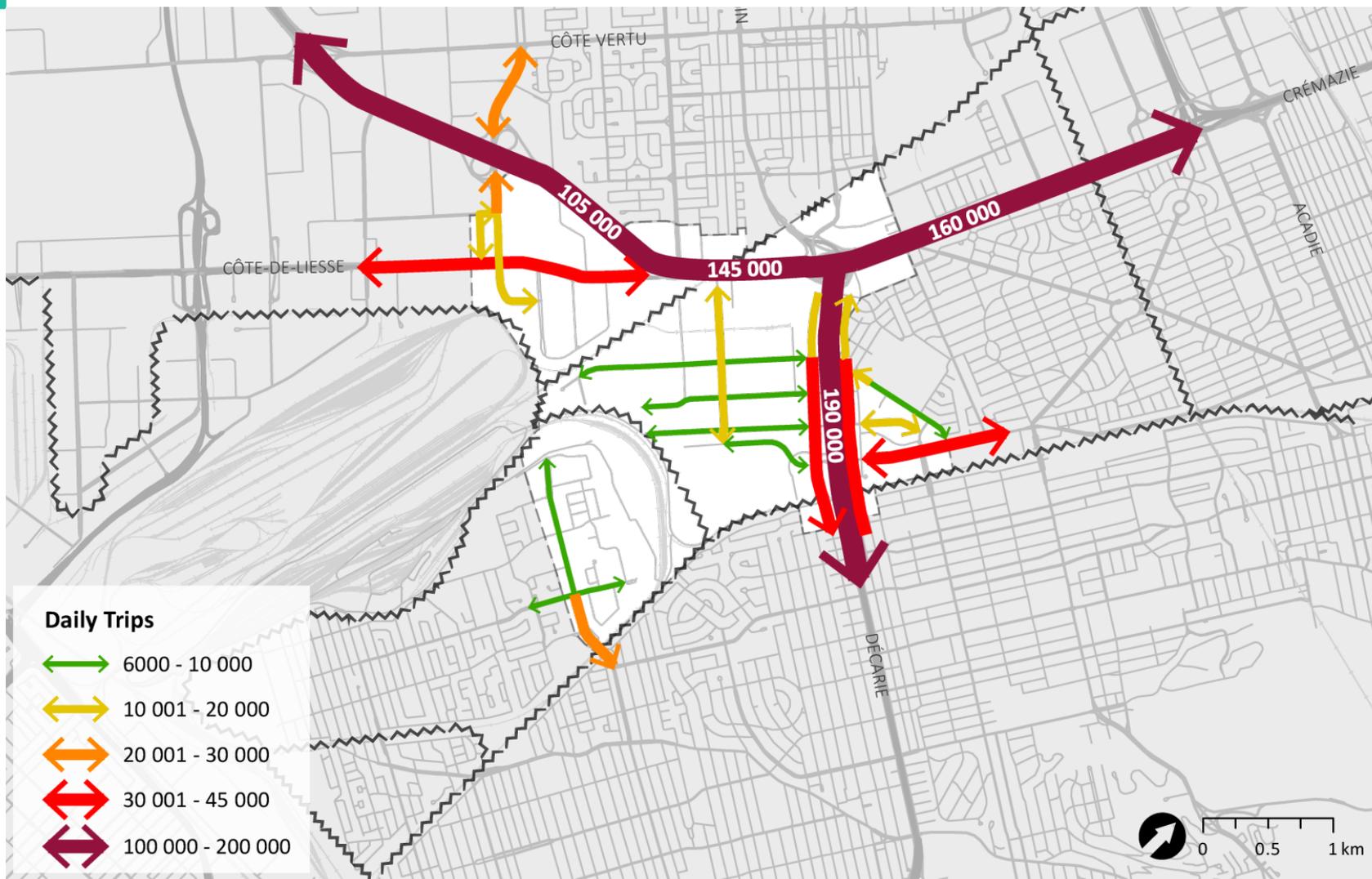
3] key challenges

FRAGMENTED BY PHYSICAL AND JURISDICTIONAL BARRIERS



SOCIAL AND GREEN SPACE INFRASTRUCTURE DEFICIT





KEY CHALLENGE #3
PREVALENCE OF ROAD ACCIDENTS

4] a unifying
vision

*A connected, livable, and
future-proof area at the heart
of the island*



- Cavendish extension
- Active green network
- Bicycle network
- Potential electric transit network
- Proposed new green public spaces
- ↕ Proposed active transportation underpass
- ▨ Proposed biodiversity network
- ⊙ Proposed social infrastructure
- Upcoming development

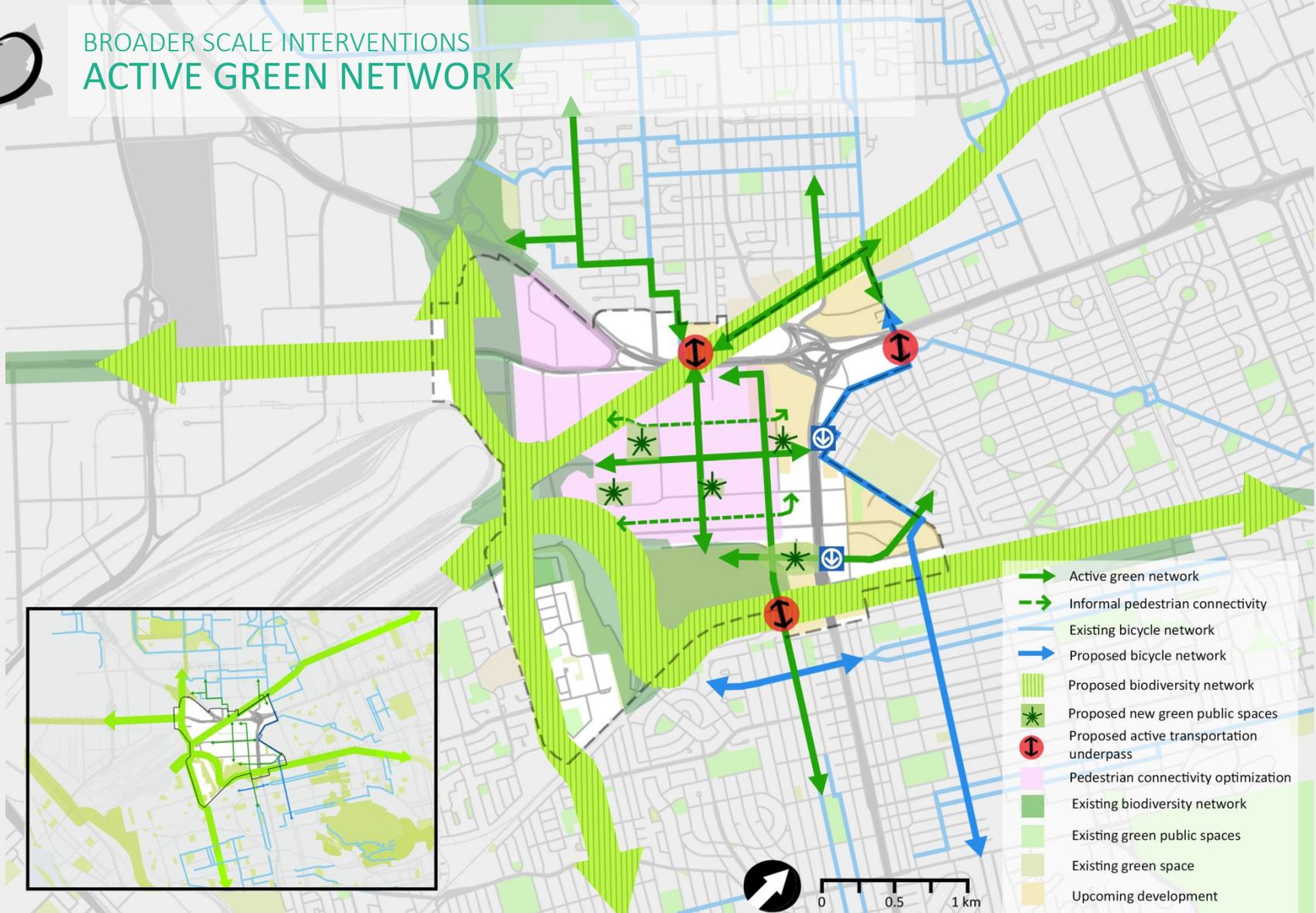


5]

**Reorienting
growth &
connectivity**



BROADER SCALE INTERVENTIONS ACTIVE GREEN NETWORK

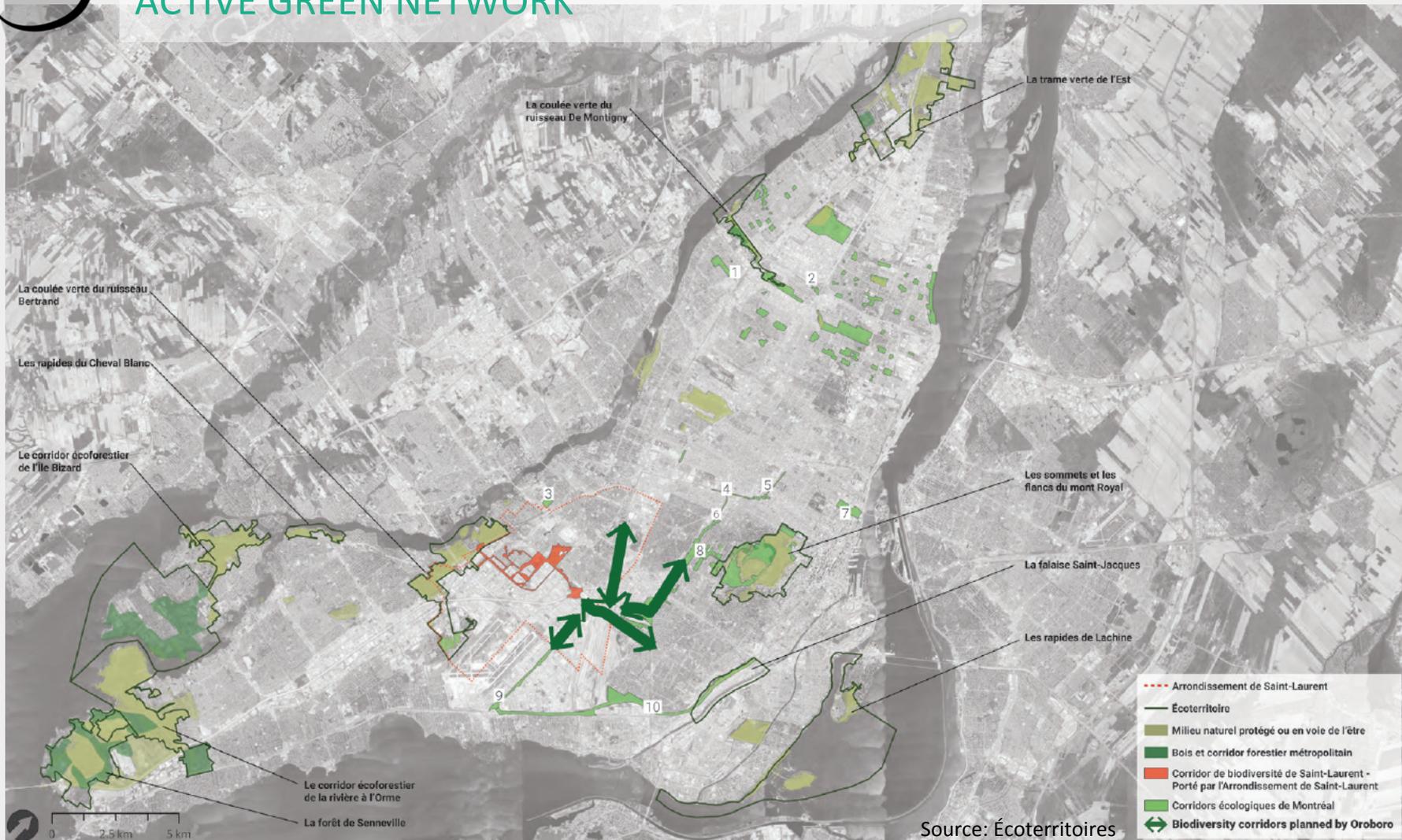


- Active green network
- Informal pedestrian connectivity
- Existing bicycle network
- Proposed bicycle network
- Proposed biodiversity network
- Proposed new green public spaces
- Proposed active transportation underpass
- Pedestrian connectivity optimization
- Existing biodiversity network
- Existing green public spaces
- Existing green space
- Upcoming development



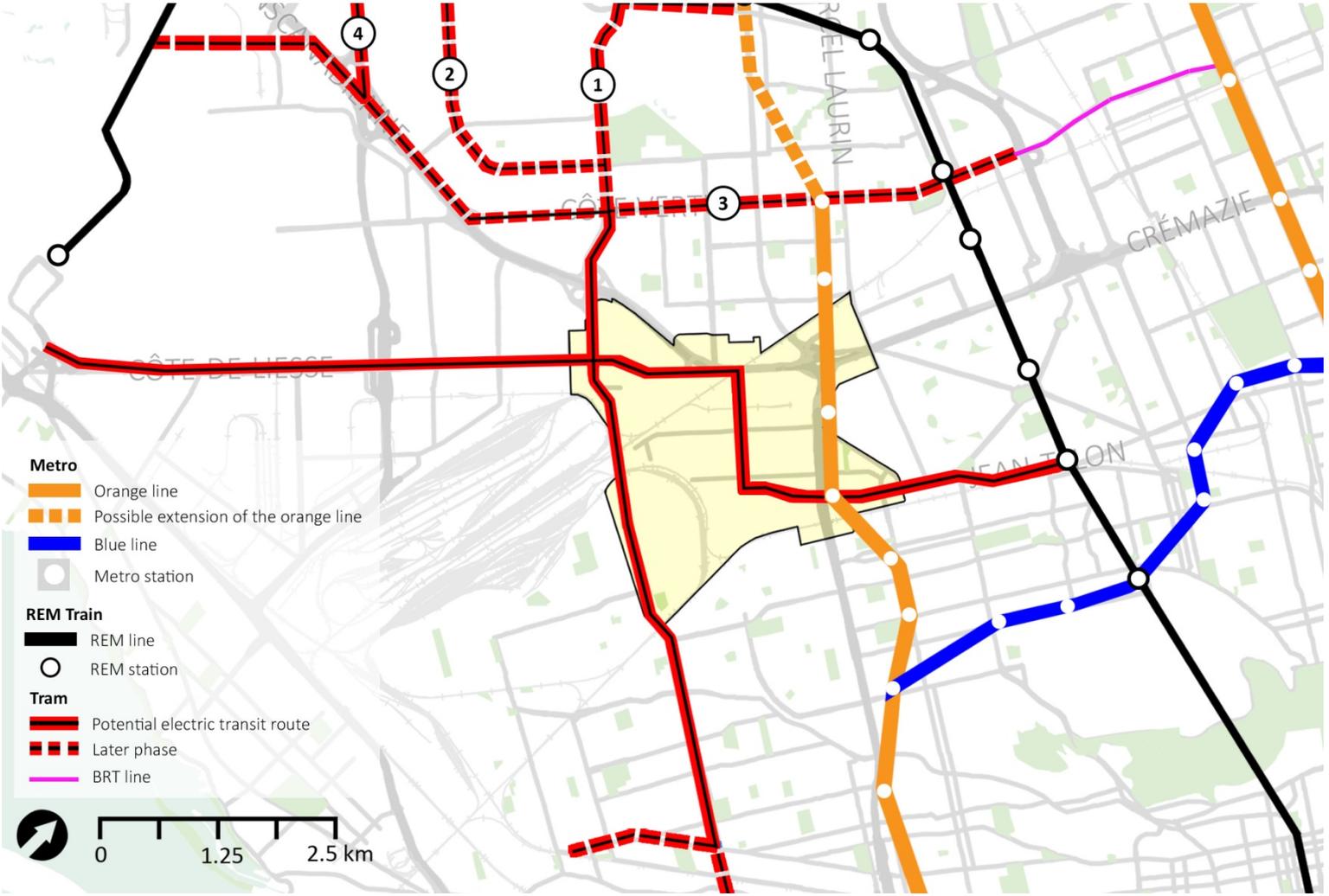


BROADER SCALE INTERVENTIONS ACTIVE GREEN NETWORK





BROADER SCALE INTERVENTIONS INTEGRATED TRANSPORTATION NETWORK





BROADER SCALE INTERVENTIONS

INTEGRATED TRANSPORTATION NETWORK

PRECEDENT STUDY: TRAM EXAMPLES

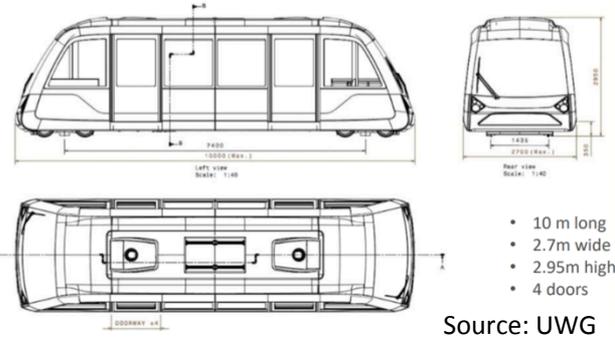


Source: Miami CityLab



Source: Transport Design Int'l

TDI TRANSPORT DESIGN INTERNATIONAL



Source: UWG

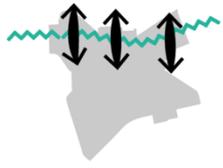


Source: Peter Newman, CREATE



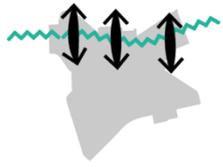
Source: Railway-Technology.com

6] interventions



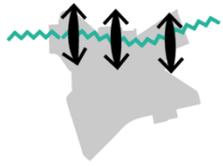
THE NORTHERN BARRIER UNDERPASS PARK FOR THE A-40





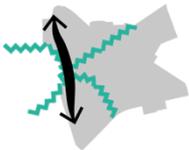
THE NORTHERN BARRIER UNDERPASS PARK FOR THE A-40





THE NORTHERN BARRIER UNDERPASS PARK FOR THE A-40





THE FRAGMENTED NEIGHBOURHOOD CONNECTING CAVENDISH



Chemin Collins
Côte Saint-Luc, Québec

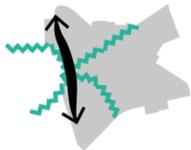
Google

Street View - oct. 2018



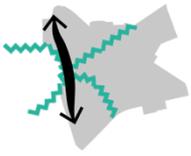
Google

Navigation controls including a compass, zoom in (+) and zoom out (-) buttons, a Street View pegman icon, and a close button (X).



THE FRAGMENTED NEIGHBOURHOOD CONNECTING CAVENDISH





THE FRAGMENTED NEIGHBOURHOOD CONNECTING DÉCARIE SQUARE AND HIPPODROME

PRECEDENT STUDY FOR NORTH-SOUTH CONNECTIONS



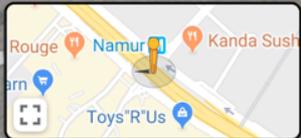


THE EASTERN BARRIER DECKING OVER DÉCARIE

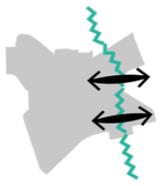
5270 Rue Jean-Talon O
Montréal, Québec

Google

Street View - août 2018

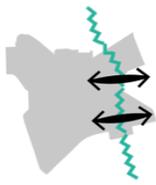


Google



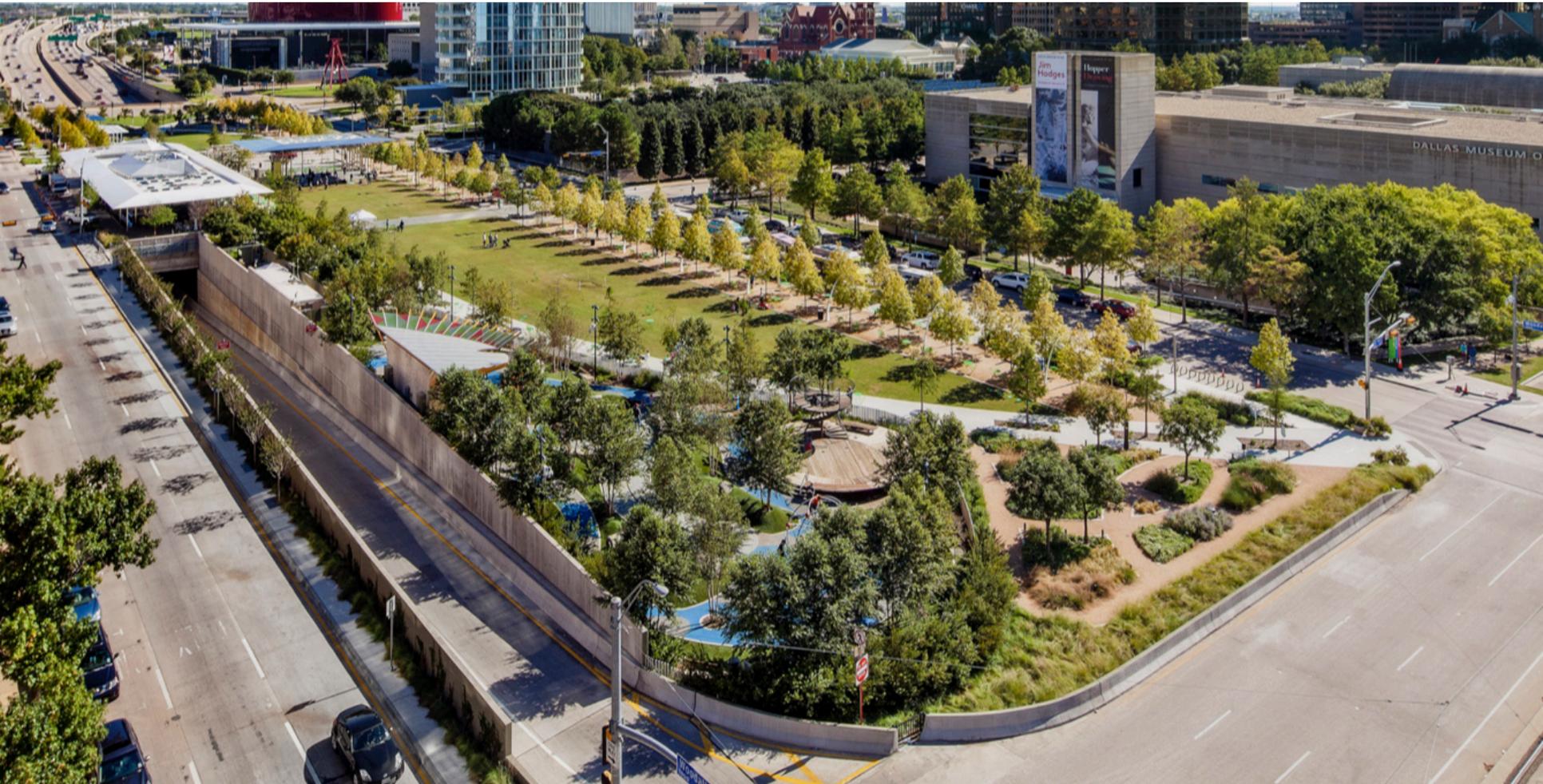
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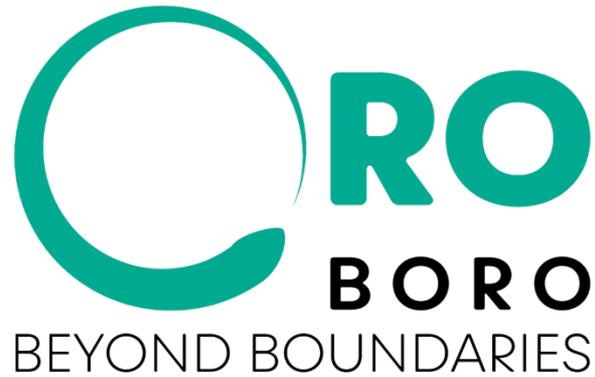




THE EASTERN BARRIER DECKING OVER DÉCARIE

PRECEDENT STUDY: KLYDE WARREN PARK, DALLAS, TX





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