

# Future Capstan Station design

TransLink Virtual Open House  
November 16-23, 2020



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# Welcome

TransLink is working with the City of Richmond to design a Canada Line station to be built near No. 3 Road and Capstan Way.

A Design Advisory Process has been developed to ensure the future station meets the City's objective of creating transit-oriented communities with access to jobs from new retail, restaurants, and offices in the area. The collaboration will help to finalize the station concept.

## We want to hear from you

As part of this process, we are pleased to share the Capstan Station concept for your comments from November 16-23, 2020.

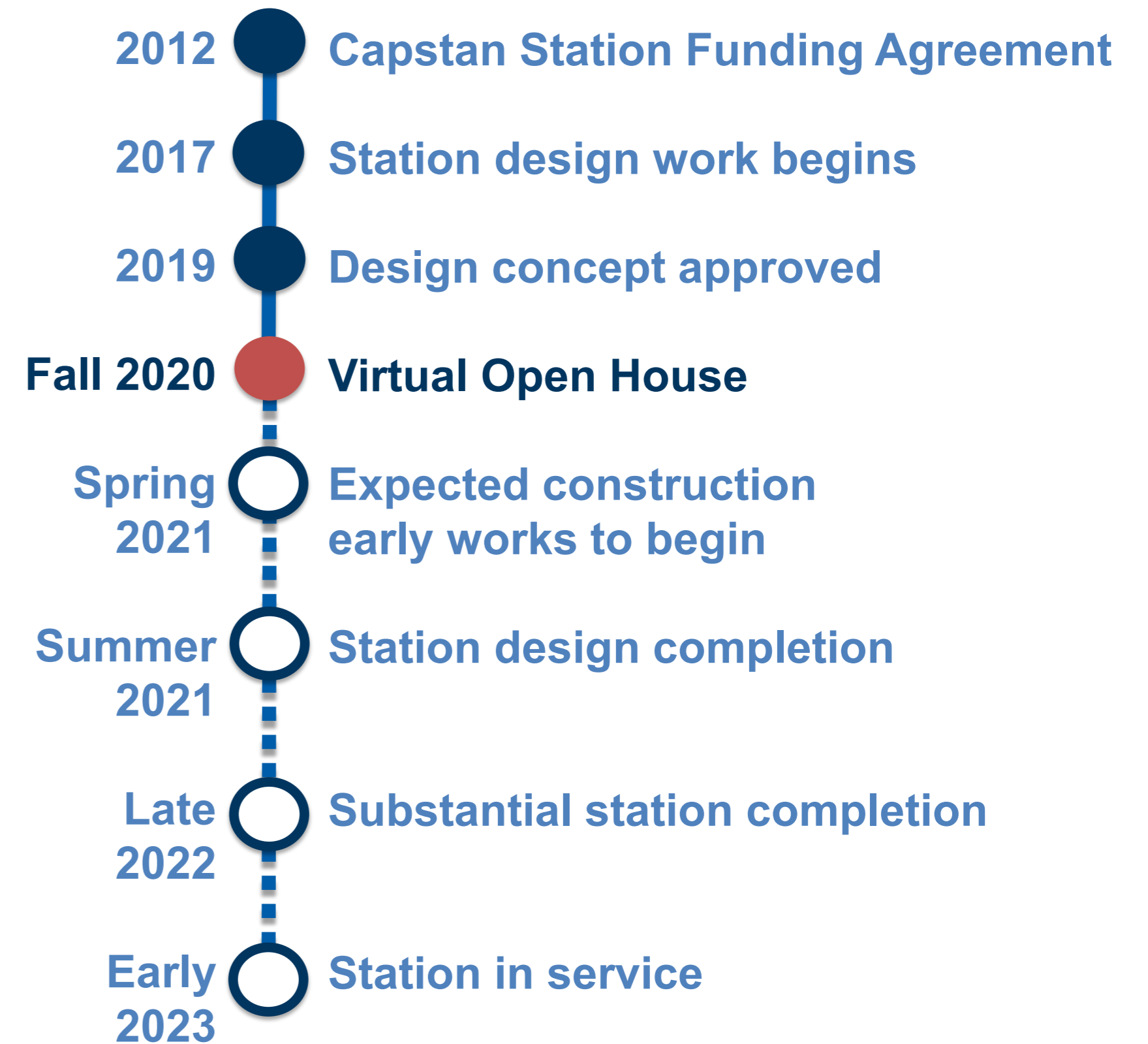


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# Project Overview and Timeline

- The future Capstan Station will serve the emerging Capstan Village neighborhood, which projects up to 16,000 residents when nearby development is complete.
- The location was identified in the original Canada Line project as a future station site.
- The new Capstan Station is made possible through a unique funding agreement between TransLink, the City of Richmond and private industry, lessening the burden on taxpayers.



# Design Objectives

The following objectives were identified to create a high-quality design for the future Capstan Station:

- Accommodate future ridership growth
- Optimize safety
- Optimize accessibility, wayfinding, and lighting
- Maximize station transparency
- Enhance integration with the surrounding environment, (e.g. park, developments, cycling/walking paths)
- Evolve the existing Canada Line station look and feel to include amenities our customers appreciate and to improve the passenger experience
- Limit service interruptions

## Public Realm Design Objectives

The station building design anticipates a high-quality public realm that addresses the station, adjacent park, and transit plaza.

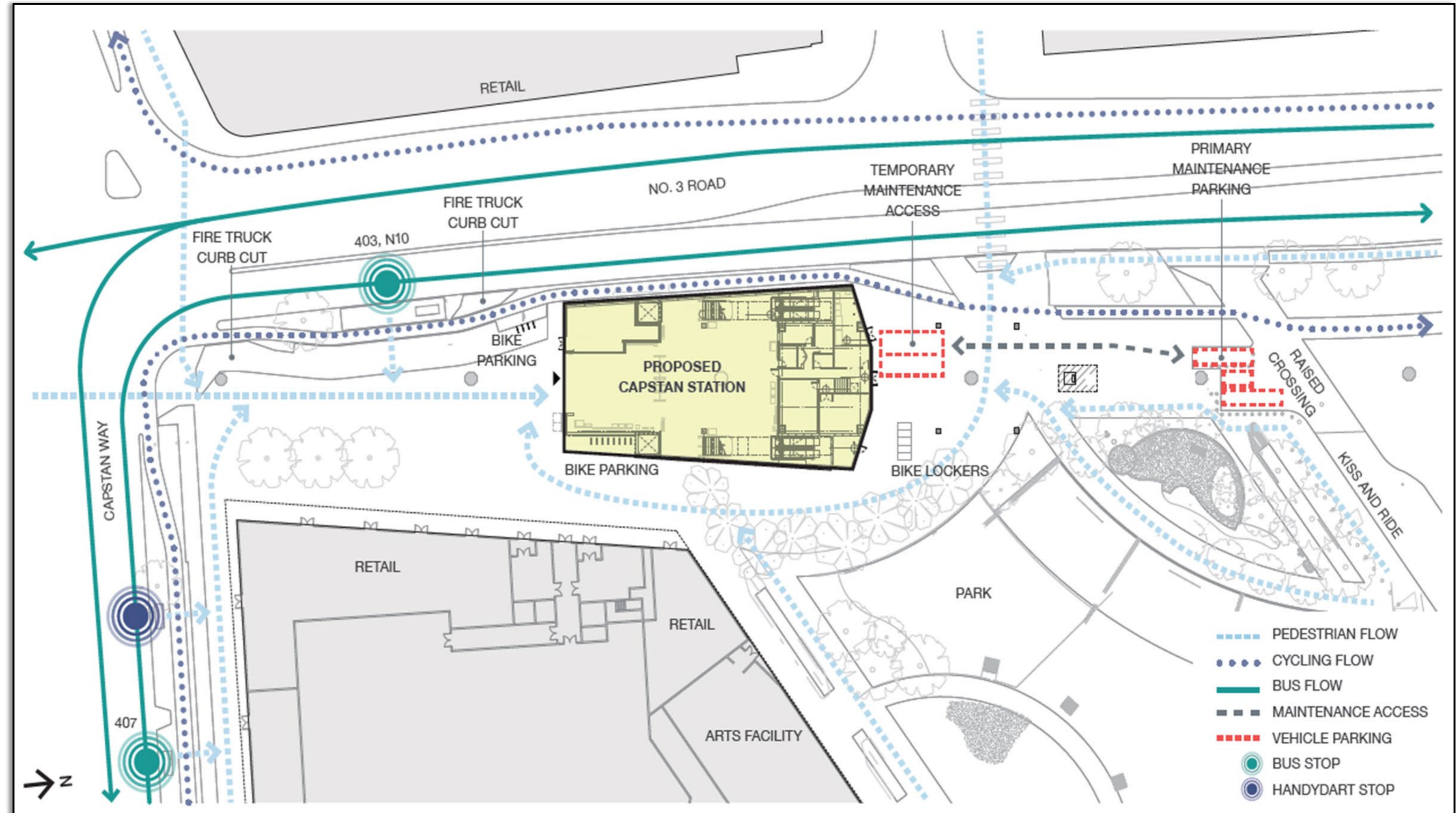
TransLink's design for Capstan Station supports the surrounding public realm design, which will be led by the **City of Richmond** as a separate project.

Public art opportunities outside the station and within the public realm will also be led by the City.



# Proposed Site Plan

Architect's overview shows the future station location and how it connects to bus stops, HandyDART, Kiss and Ride, and bike paths; as well as its relation to future public spaces.



Note: the public area in this drawing is a preliminary sketch of what it may look like in future.

# Design Rationale

The future station house is envisioned as a pavilion extending to the elevated guideway; fully glazed on three sides to provide views through the building.

The concept for Capstan Station builds on the modular design and use of wood seen in Richmond's other Canada Line stations.



Artistic rendering: View of future Capstan Station looking southeast on No. 3 Road



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# PROPOSED LAYOUT

- Single entrance, elevated side-platform
- Up and down escalators to each platform
- South-facing entrance with easy access to the public plaza
- Commercial retail unit space beside ticket area with high visibility
- Platform design maximizes waiting and queuing areas
- Longer platform to accommodate three-car trains in the future
- Public art



Artistic rendering: View of future Capstan Station entrance and adjacent plaza, looking north






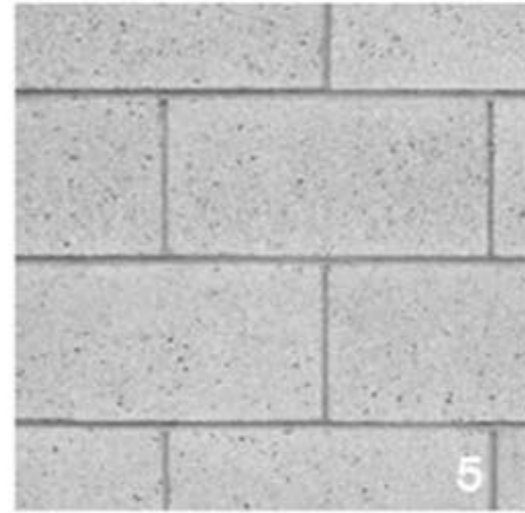


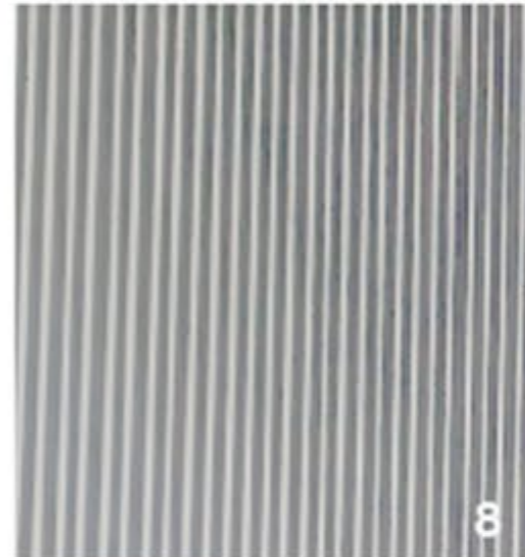



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# MATERIAL PALETTE

Architect's palette shows the variety of finishes proposed for the future Capstan Station interior and exterior.

- 1 Mass Timber
- 2 Dark grey metal panel
- 3 Light grey metal panel
- 4 Porcelain floor tile
- 6 Painted OMU wall (BOH, inside station only)
- 6 Clear glazing
- 7 Back painted glass
- 8 Light grey metal louvre
- 9 White metal acoustic ceiling panel ( inside staion only)
- 10 Exterior gypsum board ceiling - no image, ( inside staion only)
- 11 Resilient and concrete flooring - no image, (BOH, inside station only))



# ACCESSIBILITY

- RFID-enabled fare gates (i.e. hands-free sensors)
- Continuous platform edge tactile warning strips
- Dedicated waiting areas at platform level with cane detection throughout the station
- Seating adjacent to elevators
- PA system engineered to achieve high standards for speech audibility
- Bright lighting
- HandyDART stop south of the station



Artistic rendering: View of future Capstan Station entrance and No. 3 Road bus stop, looking north



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# Have your say

We welcome your comments on the design of  
the future Capstan Station.

Visit [translink.ca/capstan](https://translink.ca/capstan)  
between November 16 and 23, 2020

Thank you!



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