

## Third SkyTrain Station Assessment – Phase 2

<b>Date:</b>	March 31, 2022
<b>Department, GM:</b>	Engineering & Operations, Jeff Moi
<b>Project Manager:</b>	Geoffrey Keyworth
<b>Staff Lead:</b>	Geoffrey Keyworth
<b>Project Origin:</b>	<input checked="" type="checkbox"/> Council Motion #RC21/436 <input type="checkbox"/> Staff Initiated <input type="checkbox"/> Other:
<b>Priority Area:</b>	<input type="checkbox"/> Exceptional Service <input type="checkbox"/> Environmental Leadership <input type="checkbox"/> Healthy City <input type="checkbox"/> Economic Prosperity <input checked="" type="checkbox"/> Community Evolution
<b>Strategic Alignment</b>	5.1: Ensure future community growth is carefully considered and strategically managed consistent with the targets approved in our Official Community Plan.
<b>Proposed Priority</b>	<input type="checkbox"/> Priority Level 1 <input checked="" type="checkbox"/> Priority Level 2 <input type="checkbox"/> Priority Level 3

### Project Description

This project will conduct conceptual and functional engineering, planning, and financial assessments for a potential third SkyTrain station in Port Moody. The engineering assessments would examine the implications to TransLink operations of a third SkyTrain station within Port Moody, and would assess the costs and feasibility of constructing a station west of Moody Centre Station at two potential locations: at the previously planned Queens Street location, or at a location closer to Barnet Highway. The planning assessments would examine the implications of a third SkyTrain station on strategic policies and what service area and type of potential developments could support a station. The financial assessments would examine potential funding mechanisms to support provision of the station.

### Relevant Background

At its October 12, 2021 meeting, Council passed the following resolution:

**RC21/438**

*THAT staff report back on a plan to undertake further the technical and financial assessments required to determine feasibility and funding options of the SkyTrain station alternatives outlined in the report dated September 15, 2021 from the Engineering and Operations Department – Infrastructure Engineering Services Division regarding Feasibility Assessment of a Third SkyTrain Station in Port Moody.*

### Project Objectives

- To assess the implications on TransLink operations of a third SkyTrain station in Port Moody

- To assess the feasibility of constructing a third SkyTrain station at two potential locations within Port Moody
- To determine cost estimates for providing a station at the two locations
- To assess strategic planning policy updates that would be required if a third station were added
- To assess supportive land use development potential and identify development concepts and funding mechanisms to support provision of a station
- To develop a concept design of the preferred station location
- To develop consensus with TransLink staff on a plan for a station based on the above work

## Scope

### In Scope

- Delivery of a conceptual and functional engineering assessment of the feasibility of providing a third SkyTrain station at two locations: Queens Street and further west near Barnet Highway. The assessment must enable the City to make an informed decision on what location, if any, it may wish to pursue and is expected to include the following:
  - o Transportation modelling of SkyTrain ridership along the Millennium Line Evergreen Extension, including travel time impacts
  - o Identifying need for an additional operations and maintenance facility, and train fleet implications, incorporating assumptions from other TransLink projects
  - o Identifying relevant concepts of operations for the station, beyond providing transit ridership facilities
  - o Review of engineering and technical considerations and constraints of the two potential station locations, including structural and geotechnical considerations, track geometry, and physical space including the need to acquire property.
  - o Construction cost estimates (Class D)
  - o Considerations of impacts to the existing Millennium Line Evergreen Extension, including those identified by TransLink
  - o Access and maintenance considerations for the station
  - o Integration of other modes of transportation, including potential bus transit routing opportunities
- Delivery of a planning assessment of the station locations. The planning assessment must enable the City to determine a strategy for incorporating the station into the Port Moody community and how nearby land developments could support the station. The planning assessment is expected to include the following:
  - o Recommendations for changes to strategic planning policies, including the Official Community Plan and the Zoning Bylaw, to incorporate the station into the surrounding community
  - o An assessment of development potential around the station location candidates, considering City priorities around development, including affordable housing and attracting employment, and active development applications

	<ul style="list-style-type: none"> <li>- Delivery of a financial assessment of the station locations. The financial assessment must enable the City to determine how it could raise the funds necessary to implement the station. The financial assessment is expected to include a breakdown of funding sources and potential contribution towards the estimated costs of providing the station, including internal resources, external grants, and development contributions.</li> <li>- Development of a concept design of the preferred station location, based on the conclusions and recommendations of the assessments.</li> <li>- Engagement with TransLink staff</li> <li>- Notification to Metro Vancouver</li> </ul>
<b>Out of Scope</b>	<ul style="list-style-type: none"> <li>- Public engagement</li> <li>- Detailed design, architectural designs, tendering, or construction</li> </ul>

Work Plan Overview	
<b>Project start date:</b> Q2 2022	<b>Project end date:</b> Q1 2023
<i>Deliverable/Milestone:</i>	<i>Date:</i>
Procurement of consulting services	Q2 2022
Kick-off meeting	Q3 2022
Report to Council	Q1 2023

Budget	
<b>Budget Source:</b> TBD	
Engineering assessments	\$70,000
Planning assessments	\$40,000
Financial assessments	\$20,000
Contingency allowance	\$20,000
<input checked="" type="checkbox"/> <b>Request Referral to Finance Committee</b>	\$150,000

Decision Notes		
Date	Meeting	Decision
