

## Transportation Assessment for New Developments

<b>Date:</b>	November 5, 2021
<b>Department, GM:</b>	Jeff Moi, General Manager of Engineering and Operations
<b>Project Manager:</b>	Stephen Judd, Manager of Infrastructure Engineering Services
<b>Staff Lead:</b>	Geoffrey Keyworth, Transportation Engineer
<b>Project Origin:</b>	<input type="checkbox"/> Council Motion <input type="checkbox"/> Staff Initiated <input checked="" type="checkbox"/> Other: Climate Action Plan project
<b>Priority Area:</b>	<input type="checkbox"/> Exceptional Service <input checked="" type="checkbox"/> Environmental Leadership <input type="checkbox"/> Healthy City <input type="checkbox"/> Economic Prosperity <input type="checkbox"/> Community Evolution
<b>Strategic Alignment</b>	<u>Objective:</u> Provide leadership in climate change by thinking globally and acting locally <u>Action:</u> Respond and adapt to climate change through planning and policy development
<b>Proposed Priority</b>	<input checked="" type="checkbox"/> Priority Level 1 <input type="checkbox"/> Priority Level 2 <input type="checkbox"/> Priority Level 3

### Project Description

Research new approaches in transportation assessment for new developments to better align with Master Transportation Plan and Climate Action Plan targets for transportation. This project will move away from vehicular level of service metrics to examine vehicle kilometers travelled, sustainable mode share, and other possible metrics. This study will also recommend potential changes to parking rates and transportation demand management (TDM) strategies.

### Relevant Background

In July of 2020, Council endorsed Port Moody's first Climate Action Plan, a comprehensive set of goals, targets, and actions to guide Port Moody in becoming a carbon neutral, climate resilient community by 2050.

In February of 2021, Council endorsed a Phase One Climate Action Implementation Strategy, outlining 23 actions from the Climate Action Plan to implement from 2021 to 2022. Transportation assessment for new developments is one of the 23 actions endorsed for implementation in 2021.

### Project Objectives

This project aims to provide the City with a collection of strategies to manage transportation demand in new developments. As the primary mechanism by which the City understands development-related transportation considerations is the Transportation Impact Assessment (TIA) process, this project will lead to an update of the City's TIA guidelines. Successful completion of this project will achieve the following objectives:

- Completion of a research study into alternative measures of transportation effectiveness that have been, or could be, used in a TIA, including but not limited to accessibility and vehicle-mile/vehicle-kilometre travelled (VMT/VKT) metrics.
- Development of a process to ensure that all new developments have appropriate TDM strategies in place, that would provide clear guidance to City staff and development applicants on the City's expectations for TDM strategies.
- Development of a process to modify the City's parking requirements in its Zoning Bylaw to inform on collecting cash-in-lieu of parking to support sustainable transportation measures.

Scope	
<b>In Scope</b>	<ul style="list-style-type: none"> <li>- Research summary of alternative transportation metrics</li> <li>- Draft an early policy framework with high-level directions that meet Master Transportation Plan (MTP) and Climate Action Plan (CAP) goals and targets that can be used by staff in drafting Development Agreements for developments already in process</li> <li>- Develop a set of targets to be applied with alternative metrics to evaluate transportation impacts</li> <li>- Conduct stakeholder engagement on the draft framework</li> <li>- Develop a list of TDM strategies</li> <li>- Review parking rate reductions in use by other relevant municipalities</li> <li>- Develop guidance on parking rate reductions consistent with the above review and a process to determine appropriate cash-in-lieu of parking for those reductions</li> <li>- Present to a joint session of the Climate Action, Land Use, and Transportation Committees, and incorporate comments received</li> <li>- Prepare a report summarizing the work</li> </ul>
<b>Out of Scope</b>	<ul style="list-style-type: none"> <li>- Development of a TDM strategy for the City of Port Moody</li> <li>- Public engagement</li> <li>- Drafting of policy</li> <li>- Drafting of new TIA guidelines</li> </ul>

Work Plan Overview	
<b>Project start date: October 2021</b>	<b>Project end date: June 2022</b>
<i>Deliverable/Milestone:</i>	<i>Date:</i>
<b>Phase 1: Project Kick-off</b> Scope and initiate the project. Establish project team and perform initial analysis.	October 2021
<b>Phase 2: Draft policy framework</b> Work with consultants and project team to draft the policy framework.	February 2022

<b>Phase 3: Stakeholder engagement</b> Develop and implement a stakeholder engagement strategy.	Q1-Q2 2022
<b>Phase 4: Joint Committee Presentation</b> Present project information to Port Moody civic committees of interest.	Q2 2022
<b>Phase 5: Draft final report</b> Compile all project components into draft final report.	May 2022
<b>Phase 6: Final report</b> Present draft final report and project materials for Council consideration.	June 2022

Budget	
<b>Budget Source:</b>	
Development Processing Reserve 2021 (approved)	\$80,000
<input type="checkbox"/> <b>Request Referral to Finance Committee</b>	

Decision Notes		
Date	Meeting	Decision