

Moray Street Traffic Calming Study and Design

Date:	April 19, 2021
Department, GM:	Engineering & Operations, Jeff Moi
Project Manager:	Geoffrey Keyworth
Staff Lead:	Geoffrey Keyworth, Vinh Chung
Project Origin:	<input checked="" type="checkbox"/> Council Motion #TC20/031 <input type="checkbox"/> Staff Initiated <input type="checkbox"/> Other:
Strategic Priority Area:	<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

Project Description

Complete a traffic calming study, neighbourhood consultation, pilot project design, and conceptual traffic calming design project to inform next steps for Moray Street (St. Johns Street – Brookmount Avenue).

Relevant Background

Moray Street is a collector road that connects to Thermal Drive in the City of Coquitlam, with a posted speed of 30 km/h. While Moray Street has mostly local residential street connections, the limited number of north-south roads in this part of Port Moody and Coquitlam mean that Moray Street provides a defacto connection for intermunicipal trips, and traffic volumes are high (about 7,000 vehicles/day).

In 2020, residents began raising concerns about vehicle speeds on Moray Street, and traffic speed monitoring suggested 85th percentile operating speeds of around 53 km/h. The City installed radar-activated flashing lights on a posted speed sign, and updated line markings to narrow vehicle lanes and added a southbound (uphill) bike lane. Further monitoring suggests these changes reduced vehicle operating speeds to around 47 km/h, but also required moving travel lanes closer to the curbside sidewalk, leading to some pedestrian comfort concerns.

Project Objectives

This project will:

- Complete a traffic calming study, including recommendations for traffic calming measures on Moray Street
- Consult with the neighbourhood to review and obtain general support for the proposed traffic calming measures
- Complete conceptual design of pilot and ultimate traffic calming measures, including budget-level cost estimate

Scope

In Scope	<ul style="list-style-type: none"> • Review of existing conditions and data • Review of historical traffic concerns in the area • Review of resident requests for pedestrian crossings • A road safety and street lighting review • Development of traffic calming options, including physical and/or visual measures • Development and leading of neighbourhood public and stakeholder consultation • Summary report of study results and recommendations, and presentation to Transportation Committee • Preparation of conceptual traffic calming design and pilot measures • Preparation of budget-level cost estimate
Out of Scope	<ul style="list-style-type: none"> • Traffic calming study and design on other Port Moody streets • Detailed design of traffic calming measures • Implementation of traffic calming measures

Work Plan Overview

Project start date: May 2021	Project end date: December 2021
<i>Deliverable/Milestone:</i>	<i>Date (Month, Year):</i>
Initiate consultant contract	May 2021
Neighbourhood consultation	June/July 2021
Presentation to Transportation Committee	September 2021

Budget

Budget Source:	<input type="checkbox"/> Request Referral to Finance Committee
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<i>Item:</i>	<i>Cost:</i>
Consulting fees	\$30,000
Total:	\$30,000

Council Decision on Project Proposal:	<input type="checkbox"/> Approve as submitted <input type="checkbox"/> Approve with amendments <input type="checkbox"/> Request re-submission <input type="checkbox"/> Defer project <input type="checkbox"/> Remove project from consideration
Council Direction on Priority Level:	<input type="checkbox"/> Priority 1 – “Must Do” <input type="checkbox"/> Priority 2 – “High Priority” <input type="checkbox"/> Priority 3 – “Medium Priority – As Resources Allow”
Council Motion #:	
Date of Motion:	
Notes:	