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**TO:** ACTING CITY MANAGER **DATE:** 2021 August 16

**FROM:** DIRECTOR ENGINEERING **FILE:** 37500-14

**SUBJECT: BC PARKWAY LIGHTING ENHANCEMENTS PROJECT-  
COMMUNITY BENEFIT BONUS RESERVE REQUEST**

**PURPOSE:** To request the use of a Community Benefit Bonus Reserve to finance the installation of enhanced lighting features along the BC Parkway walking and cycling corridor as outlined in the report.

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**RECOMMENDATION:**

1. **THAT** Council authorize the use of a Community Benefit Bonus Reserve in the amount of \$4,000,000 to finance the installation of enhanced lighting features along BC Parkway from Patterson Station to Imperial Street as outlined in the report.

**REPORT****INTRODUCTION**

The Burnaby stretch of BC Parkway runs underneath the SkyTrain Guideway from Patterson Station through Metrotown, Royal Oak and Edmonds Stations. It is used heavily by hundreds of pedestrians and cyclists on a daily basis, and this volume has grown significantly in recent years due to ongoing growth and development activity.

The pathway was built approximately 35 years ago and lacks key amenities and design features such as the lighting typically provided in an urban setting. In the Metrotown area, there is also an opportunity to provide enhanced lighting, similar to Coquitlam Centre and other pedestrian plazas along SkyTrain corridors, to create an attractive urban environment that aligns with the BC Parkway Plaza, Beresford Art Walk, Linear Park plans, seasonal decorations at the festivals and celebrations space at the Burnaby Civic Square at the Bob Prittie Library, as well as the proposed Events Centre near Metrotown Station.

For 2021, the lighting improvements are anticipated to be added from Patterson Station to Imperial Street. For 2022, the lighting improvements are anticipated to be added from Imperial Street to Edmonds Station.

## POLICY SECTION

The BC Parkway Lighting Enhancements project is aligned with the City of Burnaby's Corporate Strategic Plan by supporting the following goals and sub-goals of the Plan.

### Goal

- A Safe Community
  - Crime prevention and reduction –  
Ensure citizens and businesses feel safe in our community
  - Transportation safety –  
Make City streets, pathways, trails and sidewalks safer
- Social connection –
  - Partnership –  
Work collaboratively with other levels of governments and organizations
- A Healthy Community
  - Healthy life –  
Encourages opportunities for healthy living and well-being

### 1.0 BC Parkway Lighting Improvements **Estimated \$4,000,000**

For the purpose of planning an enhanced lighting system for the BC Parkway corridor, the 4.5 km section of corridor from Patterson to Edmonds Station was divided into three separate zones. These zones as shown in Appendix A are defined as follows:

- Zone 1: Patterson Station to Imperial Street (1.3 km);
- Zone 2: Imperial Street to Royal Oak Station (0.7 km); and
- Zone 3: Royal Oak Avenue to Edmonds Station (2.5 km)

Zone 1 runs from Patterson Station through Metrotown to Imperial Street. It is one of the busiest sections of the corridor located in the heart of Metrotown and adjacent to many existing and proposed public plazas, civic uses, public art and other landmarks. Enhanced lighting is highly desirable for this 1.3 km section that consists of 65 individual SkyTrain support columns.

Zone 1 is suitable for a quick implementation and to set a benchmark, or showcase, with the opportunity to review the outcome before deciding on potential future expansion of lighting enhancements for the remainder of the corridor to the east.

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The total cost for the enhanced lighting from Patterson to Imperial Street is estimated at \$4,000,000. This includes design, lighting equipment and other electrical infrastructure and installation.

<b>Project Mask</b>	<b>2021</b>
EMH.3276	\$4,000,000

After the priority implementation of enhanced lighting in Zone 1, the remainder of the corridor encompassing Zones 2 and 3 can be considered for improvements in the subsequent years. The remainder of the corridor covers another 3.2 km of guideway and 113 support columns.

The BC Parkway Lighting Enhancement initiative was not part of the approved 2021-2025 Annual Capital Plan. It has been deemed a priority by Council and identified to staff to accelerate this project. Accordingly, the 2021 Capital Plan associated with the Brentwood Community Centre project was reallocated to fund this potential project.

There is sufficient Community Benefit Bonus Reserve funding available to finance the capital project outlined in this report.

**RECOMMENDATION**

It is recommended that Council authorize the use of a Community Benefit Bonus Reserve in the amount of \$4,000,000 to finance the installation of enhanced lighting features along the BC Parkway walking and cycling corridor from Patterson Station to Imperial Street as outlined in the report.



Leon A. Gous, P.Eng., MBA  
DIRECTOR ENGINEERING

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Copied to: Director Finance  
City Solicitor  
Deputy Director Engineering  
Assistant Director Infrastructure & Development  
Manager, Engineering Projects

# Appendix A

## BC Parkway Potential Enhanced Lighting Zones

