

Intelligent Transportation Systems Strategic Plan

Transportation Committee Presentation
October 10, 2024

Agenda

1. **Burnaby Transportation Plan Overview – Why**
2. **Intelligent Transportation Systems (ITS) – What**
3. **Guiding Principles and Pilot Projects – How**
4. **Phasing and Timeline – When**

BTP Overview

- Adopted by Council in 2021
- Sets the long-term **Vision** for transportation

VISION

The Burnaby Transportation System will contribute to a vibrant prosperous community by connecting people, places and goods; providing safe, accessible, healthy and sustainable transportation options and choice for all people; and, supporting the ecological integrity of the environment



CONNECTING BURNABY

BURNABY TRANSPORTATION PLAN

BURNABY
TRANSPORTATION
PLAN

THIS IS
CLIMATE
ACTION

City of
Burnaby

Intelligent Transportation Systems (ITS)



Information



Technology



Communication



Systems Engineering





Guiding Principles



**RESILIENT
ROAD
NETWORK**



**EFFICIENT
STREETLIGHT
SYSTEM**



**RELIABLE
CURBSIDE
ACCESS**



**REDUCED
EMISSIONS**



**INFORMED
DECISION-
MAKING**



Next Steps – Pilot Projects



**Dynamic Curbside
Management System**



Smart Streetlighting



Pan-Tilt-Zoom Camera



Dynamic Curbside Management System

Parking

Loading

Ridesharing

Pick-Up
Drop-Off

Smart Streetlighting



Enhance LED energy savings



Minimize light pollution



Reduce maintenance costs





Pan-Tilt-Zoom (PTZ) Cameras



Enhance decision-making process



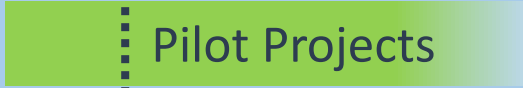
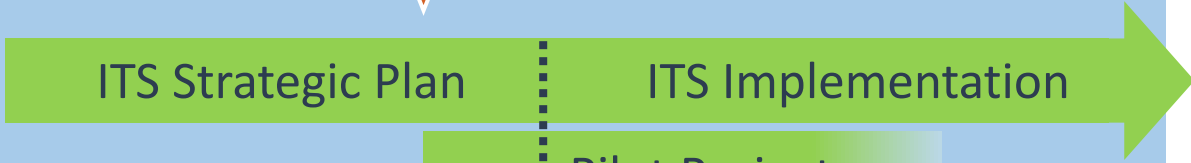
Support maintenance and traffic operations



Access to real-time information

Phasing & Timeline

TODAY



Intelligent Transportation Network



Thank you!

Any Questions?