

Integrated Parking Strategy & Regulatory Framework

Design Review Committee

August 10, 2022



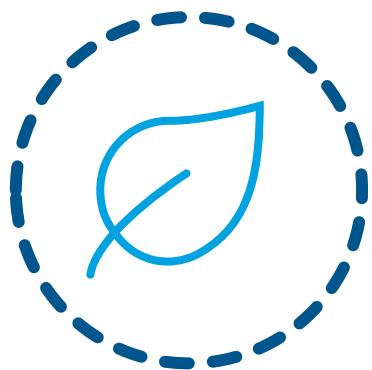
Project Purpose

The Township of Esquimalt is undertaking the
Integrated Parking Strategy & Regulations Framework.

Key Outcomes:

1. A new **Public Parking Strategy** to guide decision-making and implementation for publicly provided parking – including electric vehicle charging, bicycle parking and accessible parking.
2. An updated and modernized **Parking Bylaw** that ensures appropriate and desirable parking conditions are achieved through future land development.

Why Manage Parking?



Environmental
Sustainability



Affordability



Land Use +
Urban Form



Congestion +
Road Safety



Health +
Well-Being

Esquimalt's Transportation Profile



3.23

daily trips per household



1.2

vehicles per household

76,190

daily trips to, from, or within Esquimalt

61%

of residents commute via private automobile



\$8,730

average annual household transportation costs



1.14

bicycles per household

20%

of residents commute via walking or cycling

Project Status



Background Review

- Existing Conditions, Plan / Policy Review
- Best Practices

Data Collection

- Public Parking Inventory + Utilization
- Off-street Parking Demand

Phase 1 Public Engagement, Phase 1

- Online Survey
- Stakeholder Interviews
- Public Information Sessions

Preliminary Survey Results

500 (+/-) survey responses

Biggest challenges to parking currently:

- Vehicles parked on residential streets for long periods of time
- Cannot find parking near my destination
- Non-residents parking in resident only areas

Supported parking management approaches:

- Expanding time restrictions
- Expanding resident only parking
- Creating more accessible parking and EV locations

Strong opposition to reduced parking supply rates

Emerging Mobility Trends

Technology, human behaviour and climate goals are influencing the way people travel, including:

- E-Mobility
- Active Transportation
- Ride-hailing
- Shared Mobility
- Universal Access
- Autonomous Vehicles



Public Parking

The Township has jurisdiction over public parking resources and can determine how to best manage these parking facilities.

Management techniques may include the following:

- Time Limitations
- Parking Pricing
- User Restrictions
- Curbside Management
- Sustainable Travel Options

Public Parking

On-Street Parking Utilization Weekday Daytime

- <50%
- 50% - 70%
- 70% - 85%
- >85%



Public Parking

On-Street Parking Utilization Weekday Evening

- <50%
- 50% - 70%
- 70% - 85%
- >85%



Off-Street Parking Regulations

The Township regulates off-street parking through the
Parking Bylaw

The Bylaw includes requirements for vehicle parking supply and design, accessible parking, loading spaces and electric vehicle charging (recently adopted in 2021)

Gaps are evident between Township policies and the
Parking Bylaw:

- “Tailored” Parking Supply Rates
- Bicycle Parking and End-of-Trip Facilities
- Accessible Parking, Mobility Scooters

Off-Street Parking Regulations

Areas to be explored:

- Vehicle Parking Supply (including minimum and maximum rates)
- Parking Variances (i.e., where requirements are not met)
- Shared Parking Opportunities
- Bicycle Parking (including supply and facility design requirements)
- Accessible Parking, Mobility Scooters
- Electric Vehicle (EV) Charging
- Transportation Demand Management (TDM)
- Cash In-Lieu of Parking

Off-Street Parking Demand

Multi-Family Residential Uses

0.8 vehicles / unit

Avg. Parking Demand Rate

+10-20%

One-bedroom vs. Bachelor

No Difference

Condominium vs. Apartment

+30-60%

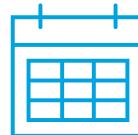
Two- vs. One-bedroom

+20-30%

Two- vs. Three-bedroom

Data Represents 1,000+
Units in Esquimalt (32 sites)

Next Steps



August – Establish Preliminary Directions, Further Community Consultation

- Council Presentation
- Let's Talk Parking Community Forums (dates TBD)

September – Public Review Period

October – Project Wrap Up

- Council Presentation
- Finalize On-Street Parking Strategy & Draft Parking Bylaw

Thank you



For more information:

<https://engagingesquimalt.ca/parking>



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