

Tofino - Ucluelet Feasibility Study



Alberni-Clayoquot Regional District
Tofino – Ucluelet Feasibility Study - Addendum



Alberni-Clayoquot
Regional District



Contents

Introduction	3
Preferred Service Option	3
Service Option Summary & Costing.....	7
Next Steps	7

Introduction

The Tofino-Ucluelet Transit Feasibility Study was presented to the West Coast Committee on October 3, 2018. The committee gave direction to BC Transit to proceed with detailed planning work for the conventional transit service option and to explore limited service to the Hitacu First Nations community. This document provides an overview of the detailed planning work, including updated costing.

Preferred Service Option

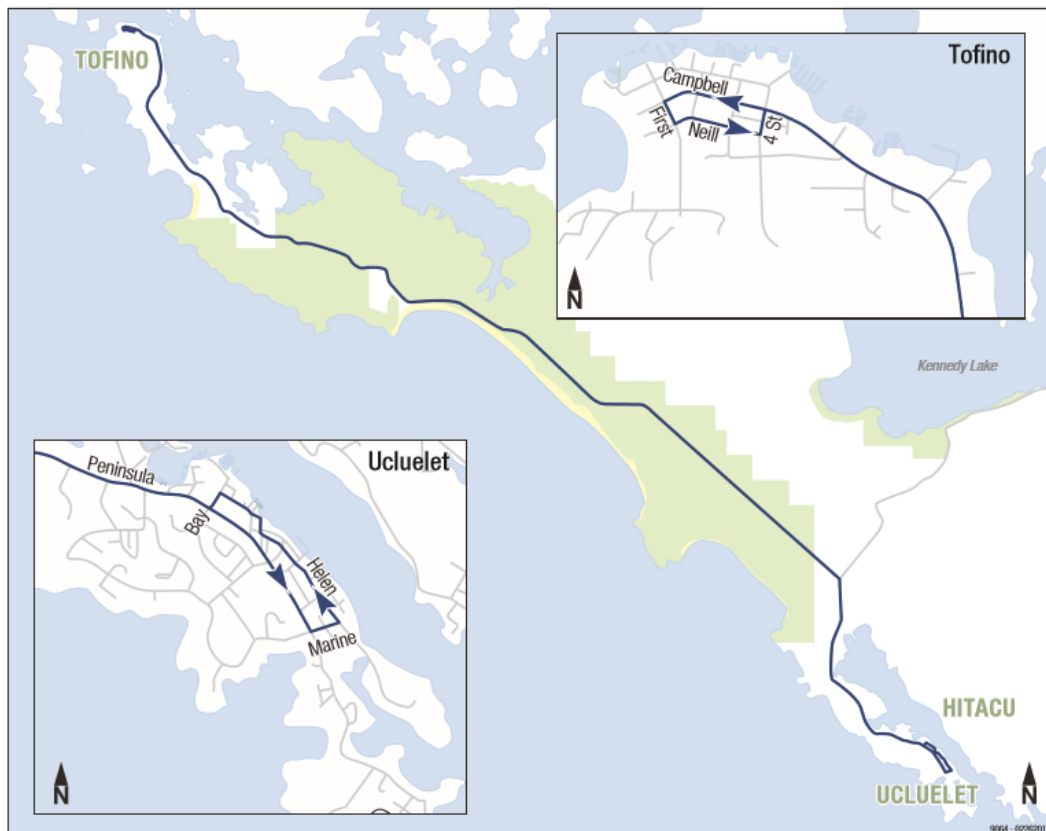
The proposed routing is outlined in the map below. The route is 42 kilometers one way and would take approximately 60 minutes for a transit vehicle to drive. A 10-minute recovery would be added to the route to create a cycle time¹ of 70 minutes (one direction).

A limited service extension has been explored to provide transit service to the Hitacu First Nations Community. The extension would add approximately 30 minutes to the conventional route and would operate off peak times. See below map for the proposed routing.

Proposed routing would require further analysis to identify timing points, potential stops and develop detailed travel times. In addition, analysis is required to determine whether the turnarounds identified in downtown Ucluelet and downtown Tofino are feasible.

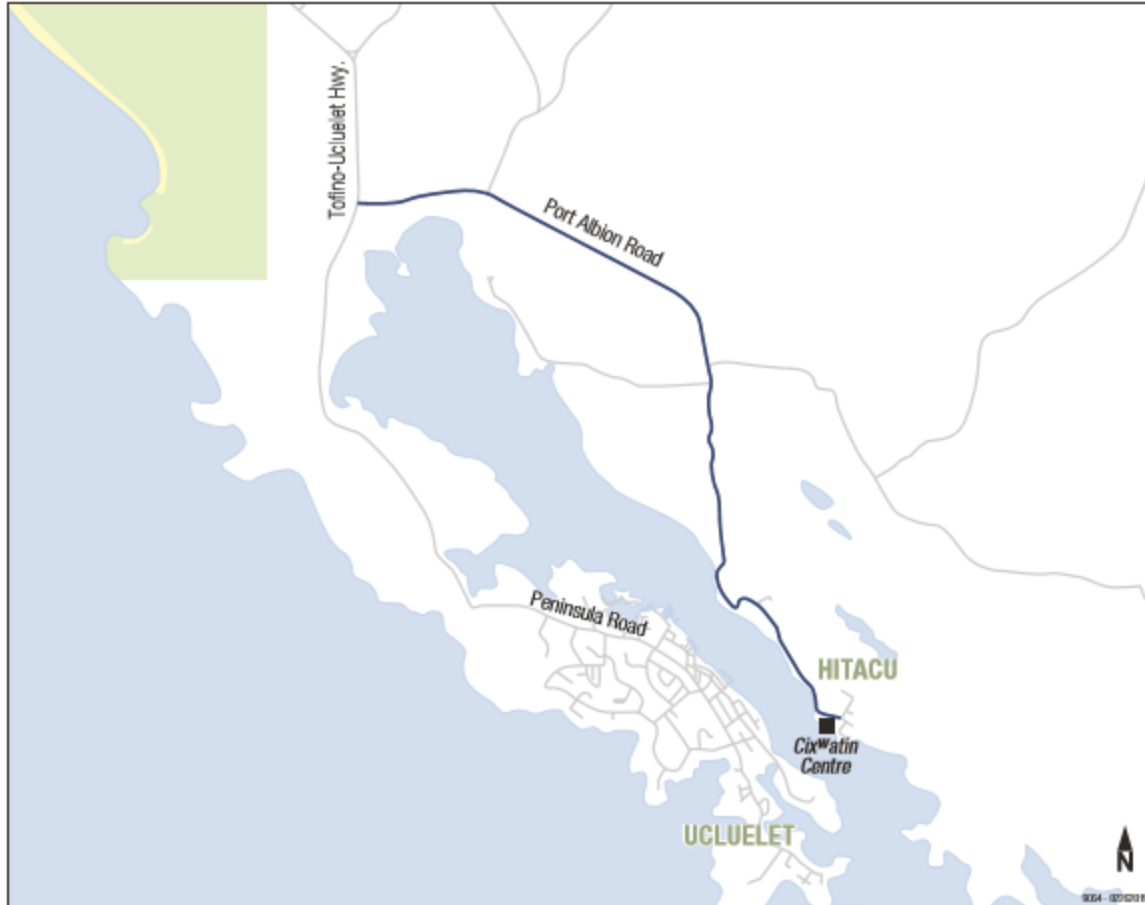
Proposed Transit Line

This route will operate bi-directionally between Tofino and Ucluelet via Highway 4.



Proposed Limited Transit Extension

¹ Cycle time is the total time it takes to complete a route, including travel time and layover time



Proposed Route Descriptions

4 Ucluelet

Start on Neil Street, left on Third Street, right on Campbell Street, continue on Pacific Rim Highway, continue on Tofino Ucluelet Highway, continue on Peninsula Road, left on Marine Drive, left on Helen Road, right on Fraser Lane

4 Tofino

Start on Fraser Lane, continue on Cedar Road, left on Bay Street, right on Peninsula Road, continue on Tofino Ucluelet Highway, continue on Pacific Rim Highway, continue on Campbell Street, left on First Street, left on Neil Street

4 Tofino with Limited Service to Hitacu

From the Tofino Ucluelet Highway, right on Port Albion Rd., straight on Hit-Tat-Soo Rd., left on Wya Rd., turnaround at Ucluelet First Nation Cixwatin Centre, right on Wya Rd., right on Hit-Tat-Soo Rd., straight on Port Albion Rd., right onto the Tofino Ucluelet Highway, continue on Pacific Rim Highway, continue on Campbell Street, left on First Street, left on Neil Street

4 Ucluelet with Limited Service to Hitacu

From the Tofino Ucluelet Highway, right on Port Albion Rd., straight on Hit-Tat-Soo Rd., left on Wya Rd., turnaround at Ucluelet First Nation Cixwatin Centre, right on Wya Rd., right on Hit-Tat-Soo Rd., straight on Port Albion Rd., left onto the Tofino Ucluelet Highway, continue on Peninsula Road, left on Marine Drive, left on Helen Road, right on Fraser Lane

Preferred Service Option

Conventional Transit - Monday to Sunday

The conventional service option provides transit service along a fixed route Monday through Sunday between Ucluelet and Tofino with limited service to the Hitacu First Nations Community. This option focuses on providing a higher level of service in the summer during tourist season, and a focus on providing basic transit service in the winter for local access for everyday trips. This routing also services the Esowista and TyHistanis First Nations communities.

Service Option 1 proposes 70-minute service in the summer months from 6:00am to 9:00pm. During the winter months, 140-minute service is provided from 7:00am to 9:00pm. This service option requires two vehicles to be in service during peak season. A third vehicle would be required as a spare for the fleet.

Pros:

- Regular, predictable service;
- Operates 7 days a week, provides reliable option for residents;
- Attractive option for commuters

Cons:

- Winter service span differs in Tofino and Ucluelet because system uses one bus in the winter
- Does not directly serve the Hitacu First Nations community;

Service Option – Summer (May to October)

Span of Service

First trip	Last trip	First trip	Last trip
From Tofino to Ucluelet		From Ucluelet to Tofino	
6:00	21:10	6:00	21:10

Service Frequency, Approximate headways between trips

Route Segment	All Day
Tofino ↔ Ucluelet	70
Ucluelet ↔ Tofino	70

Potential Schedule

Tofino to Ucluelet		
Leaving Tofino	Hitacu Stop	Arrive Ucluelet
8:20	9:20	9:50
13:00	14:00	14:30

Ucluelet to Tofino		
Leaving Ucluelet	Hitacu Stop	Arrive Tofino
8:20	8:50	9:50
13:00	13:30	14:30

18:50	19:50	20:20
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18:50	19:20	20:20
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Service Option – Winter (November to April)

Span of Service

First trip	Last trip	First trip	Last trip
From Tofino to Ucluelet		From Ucluelet to Tofino	
7:00	19:40	8:10	20:50

Service Frequency, Approximate headways between trips

Route Segment	All Day
Tofino ↔ Ucluelet	140
Ucluelet ↔ Tofino	140

Potential Schedule

Tofino to Ucluelet	
Leaving Tofino	Arrive Ucluelet
7:00	8:00
9:20	10:20
11:40	12:40
15:00	16:00
17:20	18:20
19:40	20:40

Ucluelet to Tofino	
Leaving Ucluelet	Arrive Tofino
8:10	9:10
10:30	11:30
13:50	14:50
16:10	17:10
18:30	19:30
20:50	21:50

Service Option Summary

Season	Service Frequency	Trips per day	# of buses	Days per week	Weeks per year	Est. Annual Hours
Summer	70 minutes	14	2	7	27	7000
Winter	140 minutes	6	1	7	25	3000
Total						10,000

Service Option with Limited Service

Span of Service

First trip	Last trip	First trip	Last trip
From Tofino to Ucluelet		From Ucluelet to Tofino	
9:30	19:30	9:30	19:30

Potential Schedule

Tofino to Ucluelet

Ucluelet to Tofino

Leaving Tofino	Hitacu Stop	Arrive Ucluelet
8:20	9:20	9:50
13:00	14:00	14:30
18:50	19:50	20:20

Leaving Ucluelet	Hitacu Stop	Arrive Tofino
8:10	8:50	9:10
13:00	13:30	14:30
18:50	19:20	20:20

Service Option Summary & Costing

The service option presented is intended to provide a preliminary high-level sense of the feasibility and scope of transit options for the west coast communities. They are intended to be further refined through public engagement and implementation.

	Total Vehicles	Annual Service Hours	Rides per hour	Annual Ridership	Est. Revenue	Operating Costs	Lease Fees (Local Share)	Total Est. Cost	Est. Net Muni Share
Conventional Transit w/ service to Hitacu	2+1	11,500	7	80,500	\$161,000	\$977,500	\$107,741	\$1,085,241	\$467,846

* Assumes use of a medium duty vehicle

** Assumes \$2.00 fare

*** Assumes conventional cost sharing % with the province (local share = 53.31%, prov share = 46.69%).

Ultimately community appetite to fund the local portion of costs for service—as well as provincial funding and prioritization for expansion—may make the final call as to whether or not implementation of transit is pursued. Maintenance capacity at the time of implementation may also impact what service might look like and whether service is feasible.

Next Steps

Public consultation will take place in March and April 2019 to solicit public interest in a regional transit service between Tofino and Ucluelet.