

TO: Transit Select Committee
FROM: Darren Marshall
Manager, Transit Operations

MEETING: September 19, 2019

FILE: 8500 01 RUP

SUBJECT: Route 91 and 15 Ridership Update

RECOMMENDATION

That the Route 91 and 15 Ridership Update report be received for information.

SUMMARY

To provide an update on system crowding on routes 91 Intercity and the 15 VIU based on a letter to the Board asserting that there was overcrowding and no seats available for the elderly. However, after studying the Automatic Vehicle Locator (AVL) and Automatic People Counters (APC) data it has been determined that there is no overcrowding on routes 91 Intercity and 15 VIU.

BACKGROUND

At the October 16, 2018, Regular Board meeting, the following motion was approved:

That staff report back to the Committee regarding system crowding on routes #91 Intercity and #15 VIU.

With data from the AVL and APC the volume of ridership on routes 91 and 15 do not indicate overcrowding. To date there has been one concern regarding overcrowding on the #91 Intercity, transferring to route 15 VIU.

Table 1: Conventional 40 Foot (CNG) Capacity Standards

Classification	# of Passengers
Low capacity	0 – 14
Medium capacity	36
High capacity	50+

Table 2: Ridership Data for Routes 91 & 15 by time of day

Average Maximum Load by Time of Day						
Route	Peak AM	Midday	Peak PM	Min	Max	Highest Classification
91	13.29	15.52	14.31	2	34	Capacity

15	3.59	4.8	5.78	0	15	Low Capacity
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For a service to be efficient and productive, a balance should be achieved between oversupply and overcrowding. A number of measures can establish this equilibrium such as:

- Implementing transit priority
- Altering frequency
- Reducing/increasing coverage
- Targeted marketing/corridor branding
- Changing service span
- Changing bus stop spacing
- Bus route changes
- Fleet type allocation

When system performance falls below or above the set guidelines, recommendations to the RDN Transit Select Committee will focus on the utilization of the above tools to maximize efficiency.

In 2020, the RDN and BC Transit will be conducting a system review. This will evaluate AVL and APC data collected to measure performance and effectiveness of service planning investments in our system and route level.

ALTERNATIVES

1. That the Route 91 and 15 Ridership Update report be received for information.
2. That alternative direction be provided.

FINANCIAL IMPLICATIONS

There are no financial implications.

STRATEGIC PLAN IMPLICATIONS

Transportation and Transit - Provide opportunities for residents to move effectively through and around the Region.



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August 14, 2019

Reviewed by:

- D. Pearce, Director, Transportation and Emergency Services
- P. Carlyle, Chief Administrative Officer