

From: "Johnston, Sadhu" <Sadhu.Johnston@vancouver.ca>

To: "Affleck, George" <George.Affleck@vancouver.ca>

["Direct to Mayor and Council - DL"](#)

CC: ["City Manager's Correspondence Group - DL"](#)

"Brown, Steve" <Steve.Brown@vancouver.ca>

"Dobrovlny, Jerry" <jerry.dobrovlny@vancouver.ca>

Date: 6/8/2018 8:29:47 AM

Subject: RE: Staff Response to Question on Millennium Line Broadway Extension on May 16

Greetings-

As per your request, staff have followed up on your question. I hope this information is helpful:

Growth in Population and Employment

As there is a land use planning program that will be outlined on June 19th the future population and job growth may be greater than the past. The following summary is provided for the Central Broadway area which is defined as the area between Burrard Street and Main Street, False Creek and 16th Avenue.

Between 2001 and 2016, Central Broadway population grew by 36% (34,600 to 47,000 people) and employment grew by 18% (51,000 to 60,200 jobs) (Source: Statistics Canada).

Where to People Come From

Almost half (47%) of trips to the UBC-Broadway Corridor begin outside of Vancouver (Source: TransLink Trip Diary 2008)

Capacity

Underground SkyTrain can carry approximately thirteen times the number of people as the 99 B-Line today and approximately 4-5 times the number of people as in-street LRT. In addition to higher capacity, SkyTrain offers significant improvements in travel time and reliability over surface transit options. (SkyTrain maximum capacity is 26,000 people per hour per direction, 99 B-Line maximum capacity is 2,000 people per hour per direction, in-street LRT maximum capacity on Broadway is estimated to be 5,000-7,000 people per hour per direction).

Profitability

We do not have any public stats on the profitability of the line and the business case is not public, however we can say that on opening day it is projected to have between 140,000 to 160,000 riders which would be the highest ridership on any rapid transit line opened in the region. Also past media announcements from TransLink on the SkyTrain system have indicated that it generates slightly more revenue than maintenance and operating costs. This is unique for transit systems, particularly in a North American context. We are trying to track down the source of this information and will be in touch if we are successful.

Best

Sadhu

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From: Affleck, George
Sent: Tuesday, June 5, 2018 2:38 PM
To: Johnston, Sadhu; Direct to Mayor and Council - DL
Cc: City Manager's Correspondence Group - DL
Subject: RE: Staff Response to Question on Millennium Line Broadway Extension on May 16

Hi

Thanks. It also would be helpful to know the growth curve and where these people are coming from.

And – hard data on profit of line and how many people will be able to be moved underground as opposed to above on bus or light rail. The answers to those question in the Chamber were not quickly answered but I know they exist and I would love to have them on hand for the sceptics.

Sincerely,

George

From: Johnston, Sadhu
Sent: Tuesday, June 05, 2018 2:26 PM
To: Direct to Mayor and Council - DL
Cc: City Manager's Correspondence Group - DL
Subject: Staff Response to Question on Millennium Line Broadway Extension on May 16

Greetings Mayor and Council,

During the Policy and Strategic Priorities meeting on May 16th for the Millennium Line Broadway Extension, Councilor Affleck asked a question about how many jobs were located near Vancouver General Hospital and City Hall. As we did not have the numbers readily available we indicated that we would respond back with the numbers. Apologies for the delay but we recently received the results of the 2016 Census employment data and wanted to wait until this data was ready before responding.

The following summary was provided by the City-wide and Regional Planning Research and Data Group. Typically, we have defined Central Broadway as the area bounded by Burrard, Main, 16th and False Creek. Based on this definition, there were 52,200 jobs in the Central Broadway area in 2016. The 105,000 jobs that we referred to at Council includes all jobs in the Broadway-UBC Corridor between Victoria Drive and UBC (including jobs on campus) and approximately from 16th Avenue to False Creek and Terminal Avenue. This data was from the 2011 Census and UBC's internal employment estimates.

Best,
Sadhu

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