

27 March 2017

Andrew Walters  
fyi-request-5369-02dea169@requests.fyi.org.nz

Dear Mr Walters

**Local Government Official Information and Meetings Act 1987**

**CAS-390293-V5Q7X0**

Thank you for contacting Auckland Transport on 12 February 2017 requesting information on signal phasing at the Queen Street and Wellesley Street and the Queen Street and Victoria Street intersections.

We can confirm that no changes have been made to the software that operates these two intersections since January 2014. Apart from some phase timing changes, no further changes have been made to the phasing in terms of which vehicle movements operate in each phase.

In preparation for the Central Rail Link works along Albert Street, significant changes were made to the bus network and additional bus routes were added to Queen Street, Wellesley Street and Victoria Street. In order to accommodate this some changes were made to the phase timings at these two intersections in early 2016.

Primarily, there was a removal of the double Barnes Dance phase at these two intersections. Prior to this change the intersections ran a maximum 180 second cycle time. The cycle time is the time allocated to run all the phases in sequence, once. Further information on Barnes Dance crossings can be found [here](#).

At the Queen Street and Victoria Street intersection, we reduced the cycle time in half to a 90 second maximum and removed the double Barnes Dance phase. Thus, the average pedestrian delay remains unchanged, but it helps reduce bus delays.

At the Queen Street and Wellesley Street intersection, there was a marked increase in the number of buses travelling through the intersection as a result of bus route changes related to the Central Rail Link works. We removed the double Barnes Dance phase and reduced the cycle time to 119 seconds. This has resulted in an increase in the average pedestrian delay by 10 seconds. This compromise was made to facilitate the heavy bus movements on Wellesley Street. Pedestrian delay has increased, but bus delays have reduced as well.

These are the only recorded changes made to the phase timings at these two intersections.

We trust this information has addressed the matters raised however you have the right in accordance with section 27(3) of the Local Government Official Information and Meetings Act 1987 (LGOIMA) to make a complaint to the Office of the Ombudsman if you are not satisfied with our response.

Yours sincerely



Randhir Karma  
**Group Manager - Network Management and Safety**