

Seaside & St Anthony's Journey Time Savings for Buses

By comparing the journey times at congested periods on Seaside & St Anthony's Avenue over a two-month period (August and September 2023) and the revised bus lane proposal, we can estimate the following indicative journey time savings per bus:

- For the proposed eastbound bus lane from Windermere Crescent to Seaside Roundabout, the estimated journey time saving in a congested period is up to 3.6 minutes per bus.
- For the westbound proposed bus lane between Langney Roundabout and Seaside Roundabout, the estimated journey time saving in a congested period is up to 3.4 minutes per bus.
- The estimated combined journey time saving for buses travelling eastbound *and* westbound is up to 7 minutes in a congested period.

Estimated Journey Time Saving Per Bus (minutes)			
Summary	Eastbound Bus lane (Windermere Crescent to Seaside Roundabout)	Westbound Bus lane (Langney Roundabout to Seaside Roundabout)	Total Benefit (Eastbound + Westbound)
Estimated Journey Time Saving Per Bus*	Up to 3.6 minutes	Up to 3.4 minutes	Up to 7 minutes

*1 Congested periods of 9am to 10am, 2pm to 3pm, 6pm to 7pm and 8pm to 9pm.

It should be noted that there are other time periods that would bring about a larger journey time saving for buses and other time periods that would bring about a smaller journey time saving for buses.

Table above has been updated on 1/8/24 - Please note that the earlier version of this document had incorrectly listed the Eastbound saving as 3.4 minutes and the Westbound saving as 3.6 minutes.

The table below shows a weekly average of journey time savings from analysing the **total journey time savings from every bus journey** (not just the bus journeys within the 4 1-hour congested periods used in the calculations above) over a two-month period (August and September 2023):

- For the proposed eastbound bus lane from Windermere Crescent to Seaside Roundabout, the total estimated weekly journey time saving is 52.7 hours for all buses.
- For the westbound proposed bus lane between Langney Roundabout and Seaside Roundabout, the total estimated weekly journey time saving is 23.9 hours for all buses.
- The estimated combined weekly journey time saving for all buses travelling eastbound *and* westbound is a combined 76.6 hours.

Total Estimated Journey Time Saving Per Week (hours)			
Summary	Eastbound Bus lane (Windermere Crescent to Seaside Roundabout)	Westbound Bus lane (Langney Roundabout to Seaside Roundabout)	Total Benefit (Eastbound + Westbound)
Total Cumulated Weekly Bus Journey Time Savings^{*2}	52.7 hours	23.9 hours	76.6 hours

^{*2} Cumulative total bus journey times savings (all bus services) for all bus journeys over a one-week period. One week average over a 2-month period (August and September 2023).