

Morrison St / Dewar Place / Gardner's Crescent

At first impression this junction is improved for pedestrians because green man phase occurs across all crossing points at same time, allowing safer, quicker traverse.

However the downside is that it entails a long wait time for green man at Gardner's Crescent / Morrison Street. Pedestrians have to wait for 1 minute 43 seconds (including intergreen period).

There is a long Intergreen Period after the green man (time between green man and traffic lights changing from red to green). It is apparent that many pedestrians are not aware of the Intergreen Period - as soon as green man changes to red, people on the crossing appear more anxious. Some people run across in case traffic starts, or jump back onto the pavement and wait a whole extra cycle (nearly 2 minutes).

Maybe it would be better to have a longer green man time and less intergreen. The greater risk to pedestrians is vehicles not stopping at amber or red light before the green man, whereas there seems less need for long intergreen after green man. Vehicles are less likely to set off early than they are to fail to stop.

Having long intergreen period also increases total cycle time (phase) which creates frustration among drivers who may in future therefore be more likely to jump the lights to avoid a long wait. (Which creates a vicious cycle of increased buffer time zone around green man, leading to longer cycle times.)

The signals at this junction are designed round the needs of motor vehicles, not pedestrians. Crossing timings are inflexible and do not respond to pedestrian demand. The pedestrian signals are automated so pressing the button makes no difference to wait times. Often pedestrians are waiting at a red man signal while no traffic is passing. This is an inefficient allocation of crossing time.

Total cycle time = 112 seconds = 1 min 52 sec

Morrison St / Gardner's Crescent	Pelican	No	Yes	93 s	9 s	10 s	Friday 13/9/24	13.00	Tactile cones working
Dewar Place / Morrison St	Pelican	No	Yes	68 s	34 s	10 s	Friday 13/9/24	13.00	Tactile cones working