



CASE STUDY:

Using AutoGreen for social distancing schemes in Bristol

AutoGreen resulted in significantly less impact for motorists and made pavements safer for pedestrians.



In collaboration with:



“The results has surpassed our expectations and allowed traffic to flow almost seamlessly”

- South Gloucestershire Council



The Challenge

South Gloucestershire Council have been implementing schemes to aid social distancing for highway users during the COVID-19 pandemic.

One such scheme is a pinch point at Bristol Parkway Train Station, reducing a busy underbridge to a shuttle lane thus increasing the pedestrian and cycling space.

South Gloucestershire Council looked to avoid a manual control, which would impair the social distancing desired.

The Solution

South Gloucestershire Council approached and collaborated with Traffic Group Signals to use AutoGreen to operate the shuttle.

AutoGreen was agreed to be the best solution to avoid a manual control and was selected due to its proven ability to reduce journey times through works and prevent gridlock.

AutoGreen was deployed using two RadioConnect2 (RC2) portable traffic signals, situated either side of a railway bridge at Stoke Gifford Junction. The long run time performance of the RC2 makes it a viable solution for long term deployment.

The Results

Since the scheme went live, the use of AutoGreen has resulted in significantly less impact for motorists.

“The results has surpassed our expectations and allowed traffic to flow almost seamlessly while achieving our objective. We are now looking forward to extending the use of AutoGreen to further schemes.”

Ryan Brown, Principal Engineer at South Gloucestershire Council.

Owing to the success of the scheme, AutoGreen is now being considered across a number of other sites in the authority.

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