

## TRAFFIC SURVEYS

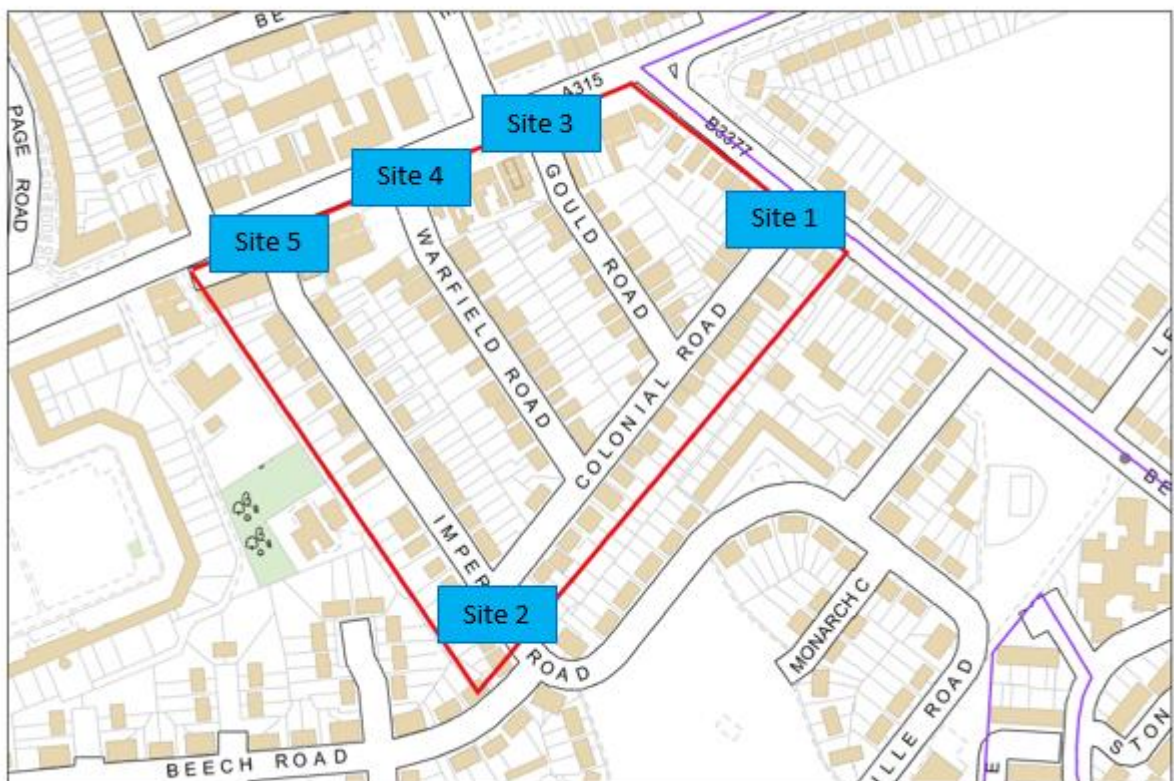
The council commissioned 7 traffic counts on Colonial Road and surrounding roads; these counts provided data on speed, volume and vehicle classification. From the traffic counts on Colonial Road we have the following information:

- Approximately 1150 vehicles use Colonial Road on a normal weekday. There is little or no difference between north-eastbound and south-westbound travel.
- On Colonial Road the weekday morning peak is 8am (133 vehicles) and the afternoon peak is 4pm (102 vehicles).
- The speed survey showed eastbound mean speeds of 20mph and westbound means speeds of 21mph.

In addition to the traffic counts the council commissioned an origin and destination survey to run on Thursday, 3 October, 9am to 5pm. This survey had automatic number plate recognition (ANPR) cameras, located at 5 sites as detailed in the diagram 1 below, to time vehicles entering and leaving the survey area, allowing us to establish levels of through traffic.



Diagram 1: ANPR Camera sites



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For the purpose of this analysis we have defined through traffic to be vehicles that enter the site area and leave the area within a journey time less than two minutes.

- The origin and destination survey established that approximately 40% of traffic (405 vehicles) using Colonial Road is through traffic.
- Broken down 280 vehicles enter at Colonial Road junction with Bedfont Lane that do not have a destination within the immediate area.