

## TRAFFIC SURVEYS

Traffic surveys were undertaken by the council on Burns Way and surrounding roads to get a better understanding of vehicle movements. It is important in our analysis that we consider the impact that changes to traffic management on Burns Way will have on the surrounding road network. Some of the headline figures are listed below:

- A total of approximately 3000 vehicles use Burns Way on a normal weekday. 2050 of these vehicles on average are vehicles travelling southbound.
- On Burns Way the am peak (8am to 9am) the average traffic volume is 220 vehicles per hour and pm peak (6pm to 7pm) the total is approximately 280 vehicles per hour.
- Traffic flows outside the peak hours are reasonably consistent at around 100 to 180 vehicles an hour.
- The origin and destination survey established that approximately 30% of traffic (790 vehicles) using Burns Way is through traffic characterised as journeys taking less than 5 minutes to complete. Broken down 66% of these vehicles (518) are travelling in the southbound direction compared to 272 vehicles (44%) travelling northbound.
- A speed survey, undertaken in October 2018 showed northbound mean speeds of 19mph and southbound mean speeds of 21mph.

Any decision must consider the impact on Springwell Road particularly south of the width restriction:

- There are 1305 inbound vehicles compared to 787 outbound vehicles.

During the survey period 5am – 9pm 24% of these vehicles were recorded as through journeys entering at the junction with the A4 and leaving onto Cranford Lane and vice versa, with journey times or less. Broken down this is 293 vehicles travelling in the northbound and 204 travelling southbound.