Development of Proposals

Holmer & Shelwick Safety, Traffic Calming & Pedestrian Improvements

To develop the design of the improvements, we have gathered the following data;

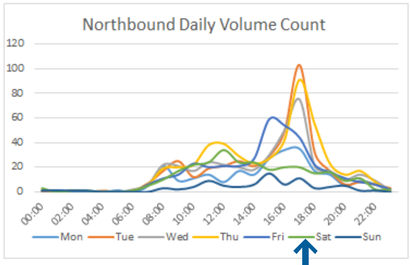
- Traffic speeds and volume surveys
- Topographical surveys
- Accident data

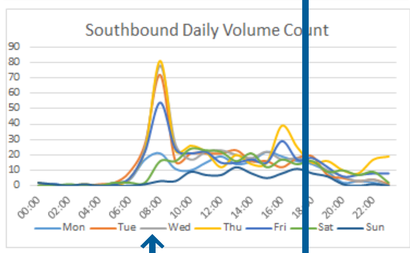
The speed information is used to understand what traffic on the local roads is doing in terms of speed, type of vehicle and numbers of vehicles.

The topographical surveys provide measurements of the existing roads and include levels and details of other elements such as vegetation. This enables the design to tie into the existing road.

The accident data informs where accidents that have been reported to the police have occurred. It includes details of the accident including road conditions, vehicles involved and cause. Data for the last five years is provided. This helps to understand if the design for improvements can address the causes of the accident.

The design of traffic calming is laid out in national standards including Department for Transport Traffic Calming Guidance, as well as Rural Traffic Calming Guidance. This has been used to develop the design of these elements. The design has aimed to balance the effectiveness of the features with the intrusion of them on the rural character of the roads.



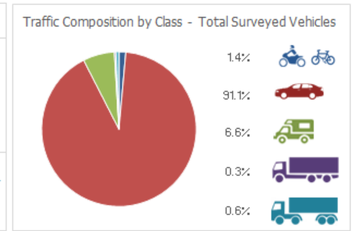


Direction	7-Day Average Speed	7-Day 85th %ile Speed
Northbound	32.5	39.7
Southbound	32.8	40.0
Bi-directional	32.7	39.9

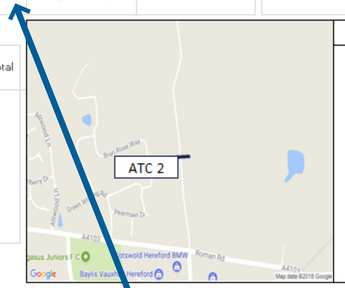
60

mph mph

On a 7-day average		
0.3%	0.0%	0.0%
0.1%	0.0%	0.0%
0.2%	0.0%	0.0%
of vehicles are travelling over prescribed speed limit (PSL)	of vehicles are traveling 10% +2 over PSL (68mph)	of vehicles are 15mph over PSL (75mph)



Direction	Weekday Average Total Traffic	7-Day Average Traffic	Weekday Traffic Total
Northbound	375	320	2239
Southbound	314	272	1907
Bi-directional	690	592	4146



Incidents/Observations
No observations

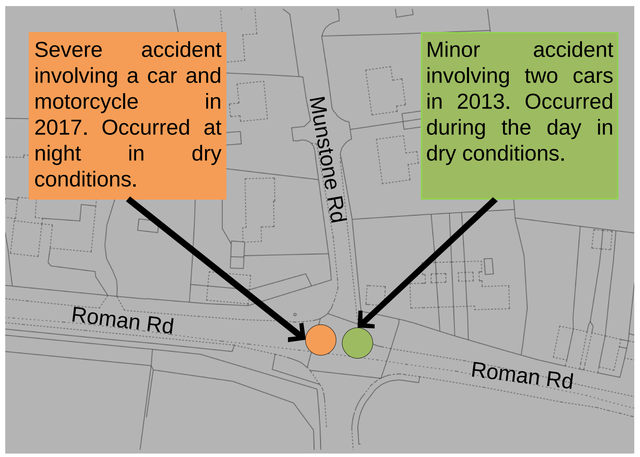
Shows the number of vehicles going north peaks around 5pm and going south peaks around 8am. This reflects the morning and evening rush hour.

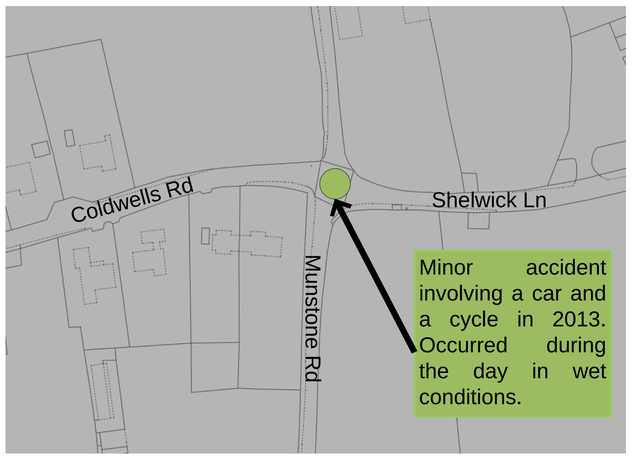
Shows the speed that 85% of all vehicles were doing on this section of Munstone Road was around 40mph

Shows that of all vehicles that drove this section of Munstone Road in 7 days, 9 were exceeding 60mph

Shows that 91% of vehicles that drove this section of Munstone Road in 7 days were cars

Example of Traffic data. This data is for Munstone Road by the path access to the Furlongs.





Accident data for the Parish; Accidents on Roman Road & Munstone Road

Balfour Beatty
Herefordshire Council
Working for Herefordshire