

# CONNECTING SHEFFIELD

Better travel choices

Junction vehicle counts:  
School Road / Crookes Road /  
Conduit Road  
Section 3 of 9

# Crookes and Walkley Active Neighbourhood

## Traffic Monitoring Data



## School Road / Crookes Road / Conduit Road junction count - Introduction

In order to monitor and evaluate the success of the Crookes and Walkley Active Neighbourhood, we have conducted a range of traffic monitoring surveys at a number of locations across Crookes and Walkley and the surrounding areas.

These surveys capture the movements of motor vehicles, cyclists and pedestrians. We surveyed key roads and junctions where we anticipated a potential change in travel as a result of the scheme, including areas of traffic displacement.

Changes to vehicle count at junctions were calculated by conducting surveys before and after the measures were put in place. The surveys prior to the Active Neighbourhood coming into effect took place in November 2021, while the surveys measuring traffic counts after the Active Neighbourhood changes came into effect took place in May 2023.

The findings of all these surveys have been compiled and presented in 9 separate documents.

This is document 3 of 9, and provides an overview of the number of motor vehicles that we counted at the junctions of School Road and Crookes Road, and School Road and Conduit Road, via traffic monitoring surveys.

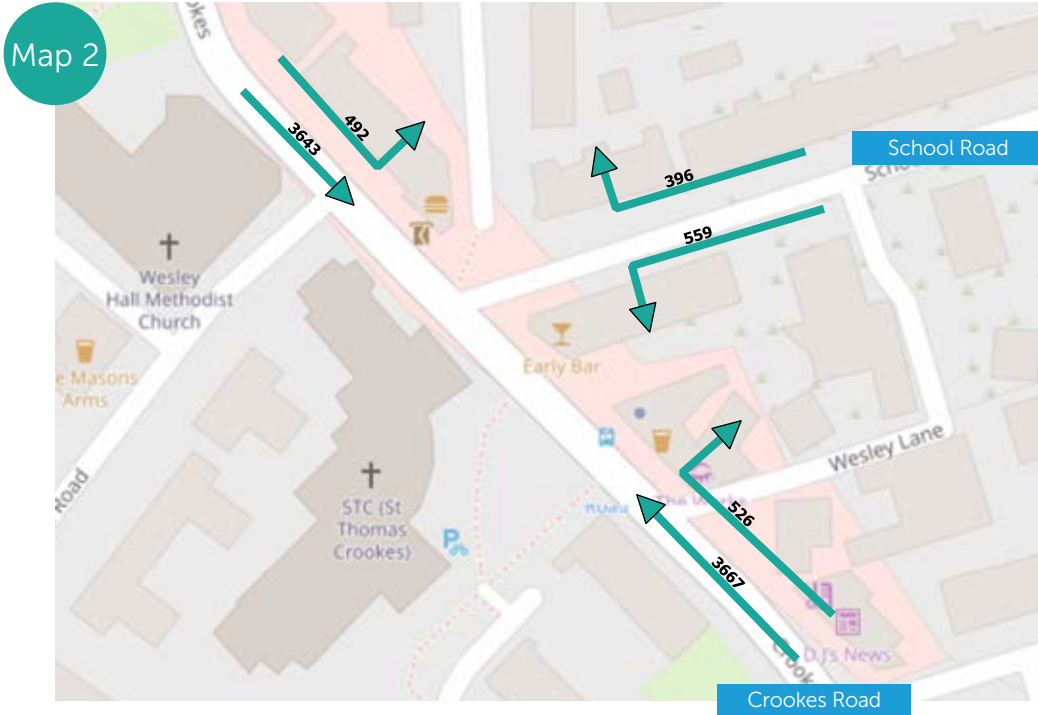
These documents have been created to illustrate changes in travel before and after the Crookes and Walkley Active Neighbourhood scheme came into effect. The full committee report on the scheme will provide context to the data presented in this document, and how it informs the recommendations on the future of the scheme.

# Number of motor vehicles: School Road / Crookes Road 12 hour count

We counted the number of motor vehicles at the junction of School Road and Crookes Road from 7am to 7pm. Map 1 shows the number of vehicles counted during the 12 hour survey in November 2021. Map 2 shows the number of vehicles counted during the 12 hour survey in May 2023. The arrows show the direction of travel of the vehicles we counted.

Number of motor vehicles travelling through the School Road / Crookes Road junction before the scheme (November 2021)

Number of motor vehicles travelling through the School Road / Crookes Road junction after the scheme (May 2023)



Key  
 Direction and number of vehicles counted at junction in November 2021

Key  
 Direction and number of vehicles counted at junction in May 2023

# Number of motor vehicles: School Road / Crookes Road morning traffic count

We counted the number of motor vehicles at the junction of School Road and Crookes Road, during the peak time of morning traffic, between 8am and 9am. Map 1 shows the number of vehicles counted during the survey in November 2021. Map 2 shows the number of vehicles counted during the survey in May 2023. The arrows show the direction of travel of the vehicles we counted.

Number of motor vehicles travelling through the School Road / Crookes Road junction in the morning before the scheme (November 2021)

Number of motor vehicles travelling through the School Road / Crookes Road junction in the morning after the scheme (May 2023)



Key  
 Direction and number of vehicles counted at junction in November 2021

Key  
 Direction and number of vehicles counted at junction in May 2023

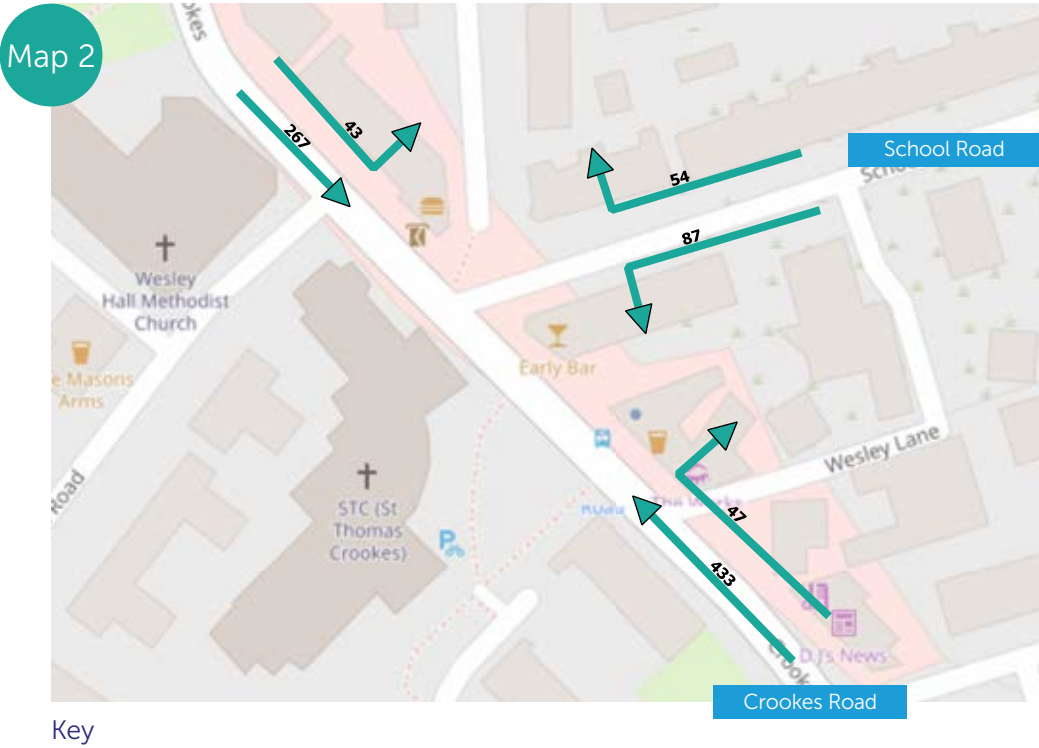


# Number of motor vehicles: School Road / Crookes Road evening traffic count

We counted the number of motor vehicles at the junction of School Road and Crookes Road, during the peak time of evening traffic, between 5pm and 6pm. Map 1 shows the number of vehicles counted during the survey in November 2021. Map 2 shows the number of vehicles counted during the survey in May 2023. The arrows show the direction of travel of the vehicles we counted.

**Number of motor vehicles travelling through the School Road / Crookes Road junction in the evening before the scheme (November 2021)**

**Number of motor vehicles travelling through the School Road / Crookes Road junction in the evening after the scheme (May 2023)**



Key  
 Direction and number of vehicles counted at junction in November 2021

Key  
 Direction and number of vehicles counted at junction in May 2023

## School Road / Crookes Road junction data table

We counted the number of motor vehicles passing in and out of the School Road arm of the School Road and Crookes Road junction over a 12 hour period throughout the day, in the morning traffic peak and in the evening traffic peak, before and after the Active Neighbourhood measures were put in place. The table below shows these changes, both in the difference in motor vehicles counted, and the change as a percentage.

School Road – total number of motor vehicles counted passing through single arm of junction									
	12 hour before	12 hour after	% change	AM before	AM after	% change	PM before	PM after	% change
In	802	1018	+27%	132	146	+11%	71	90	+27%
Out	850	955	+12%	82	91	+11%	131	141	+8%
Total	1652	1973	+19%	214	237	+11%	202	231	+14%

# Number of motor vehicles: School Road / Conduit Road 12 hour count

We counted the number of motor vehicles at the junction of School Road and Conduit Road from 7am to 7pm. Map 1 shows the number of vehicles counted during the 12 hour survey in November 2021. Map 2 shows the number of vehicles counted during the 12 hour survey in May 2023. The arrows show the direction of travel of the vehicles we counted.

**Number of motor vehicles travelling through the School Road / Conduit Road junction before the scheme (November 2021)**

**Number of motor vehicles travelling through the School Road / Conduit Road junction after the scheme (May 2023)**



Key  
 Direction and number of vehicles counted at junction in November 2021

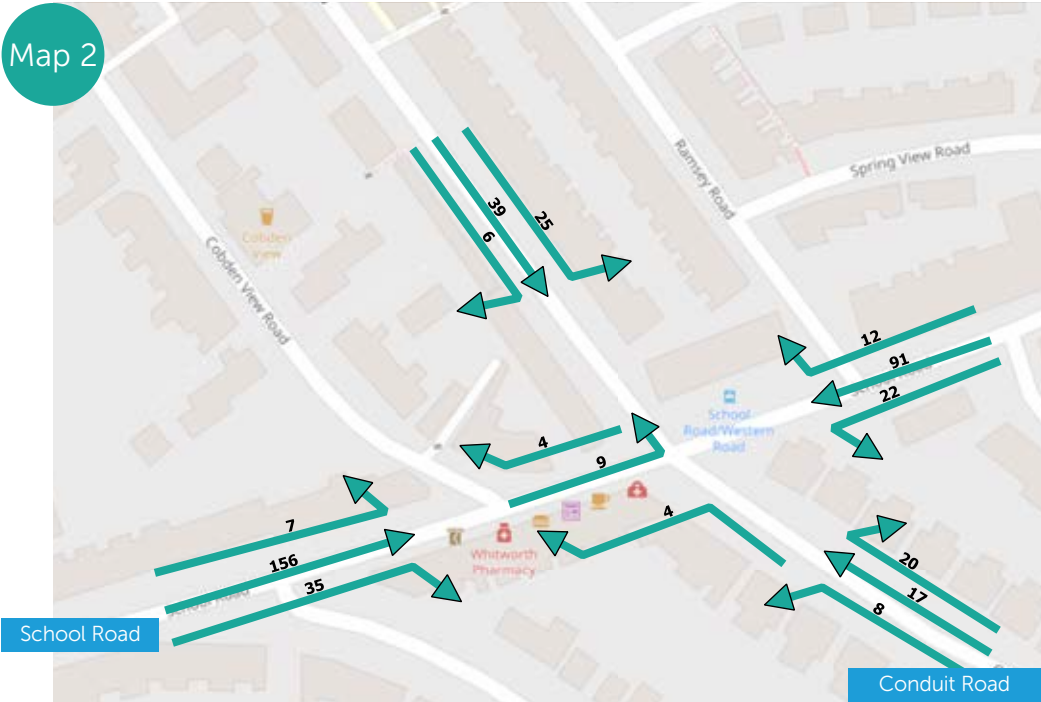
Key  
 Direction and number of vehicles counted at junction in May 2023

# Number of motor vehicles: School Road / Conduit Road morning traffic count

We counted the number of motor vehicles at the junction of School Road and Conduit Road, during the peak time of morning traffic, between 8am and 9am. Map 1 shows the number of vehicles counted during the survey in November 2021. Map 2 shows the number of vehicles counted during the survey in May 2023. The arrows show the direction of travel of the vehicles we counted.

**Number of motor vehicles travelling through the School Road / Conduit Road junction in the morning before the scheme (November 2021)**

**Number of motor vehicles travelling through the School Road / Conduit Road junction in the morning after the scheme (May 2023)**



Key

Key

Direction and number of vehicles counted at junction in November 2021

Direction and number of vehicles counted at junction in May 2023



# Number of motor vehicles: School Road / Conduit Road evening traffic count

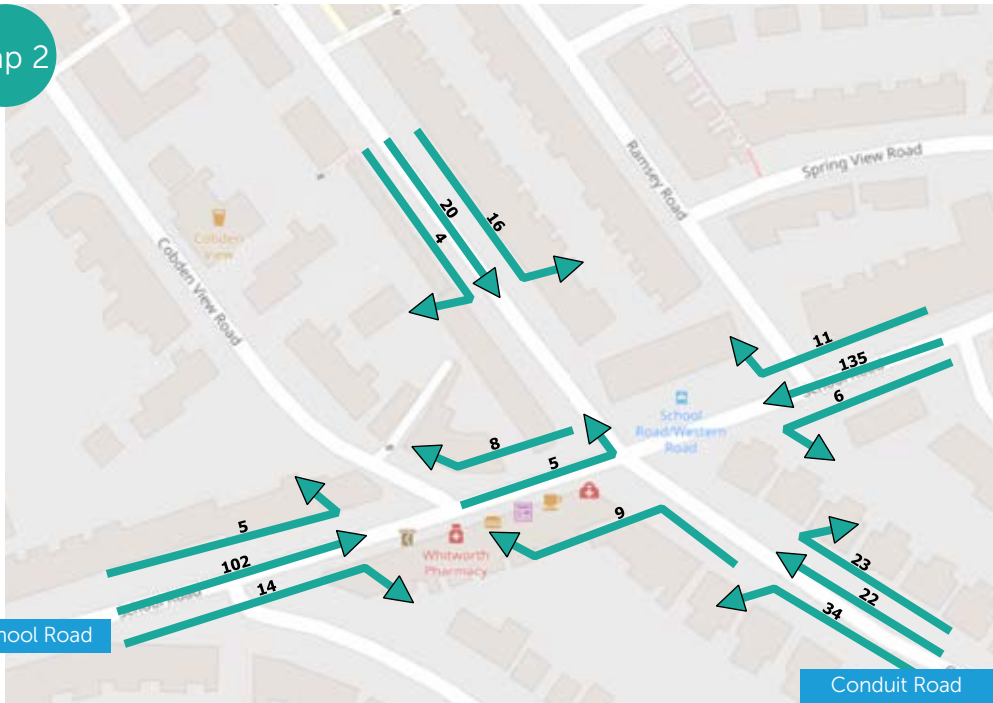
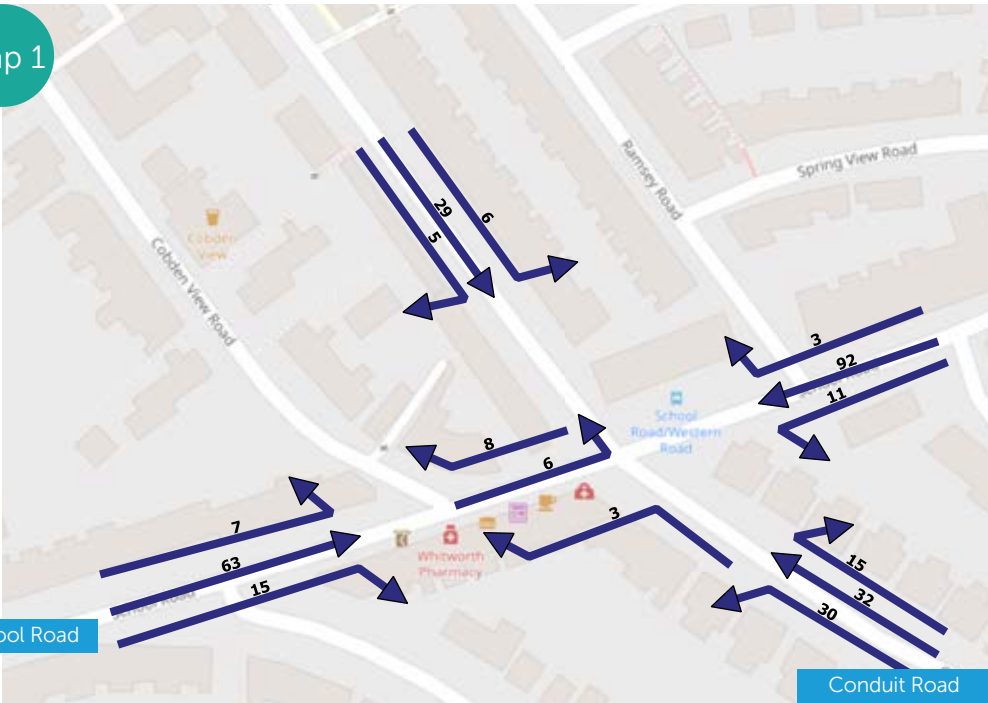
We counted the number of motor vehicles at the junction of School Road and Conduit Road, during the peak time of evening traffic, between 5pm and 6pm. Map 1 shows the number of vehicles counted during the survey in November 2021. Map 2 shows the number of vehicles counted during the survey in May 2023. The arrows show the direction of travel of the vehicles we counted.

**Number of motor vehicles travelling through the School Road / Conduit Road junction in the evening before the scheme (November 2021)**

**Number of motor vehicles travelling through the School Road / Conduit Road junction in the evening after the scheme (May 2023)**

Map 1

Map 2



Key

Key

 Direction and number of vehicles counted at junction in November 2021

 Direction and number of vehicles counted at junction in May 2023

## School Road / Conduit Road junction data table

We counted the number of motor vehicles passing in and out of the Conduit Road arm of the School Road and Conduit Road junction over a 12 hour period throughout the day, in the morning traffic peak and in the evening traffic peak, before and after the Active Neighbourhood measures were put in place. The table below shows these changes, both in the difference in motor vehicles counted, and the change as a percentage.

Conduit Road – total number of motor vehicles counted passing through single arm of junction									
	12 hour before	12 hour after	% change	AM before	AM after	% change	PM before	PM after	% change
In	584	573	-2%	59	96	+63%	55	40	-27%
Out	671	570	-15%	29	49	+69%	80	49	+10%
Total	1255	1143	-9%	88	145	+65%	135	128	-5%