

SID report September 2023.

This is a composite report for September. At the start of the month, between 4<sup>th</sup> and 12<sup>th</sup>, I moved the Radarlux SID from Church Street to Mill Road. This meant we had two units approximately 100m apart and facing the same direction. The object was to determine if both units were recording comparable data. The data for each unit is presented in different formats which makes analysis cumbersome.

Radarlux

Recorded 4482 vehicle movements.

Average Daily Movements 498

Average speed 24 mph

Top speed 50 mph. (Westcotec recorded 40mph on the same day)

Westcotec

Recorded 3834 vehicle movements.

Average Daily Movements 426

Average speed 20.6 mph

Top speed 45 mph.

<b>Mill Rd</b>	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	611	390	222	223	208	165	162
% over limit	55.4	48.9	51.3	48.6	46.5	52.7	57.2
Avg Speeder	24.2	24.0	24.3	24.1	24.2	24.7	24.5
Avg Speed	14.1	13.6	13.2	13.3	13.0	15.3	15.8

From the 12<sup>th</sup> I moved the Westcotec SID to Church Street. The top speed recorded was 50mph on the 25<sup>th</sup> at 00:40. Comparing the two tables the average speed was lower across the days captured and of those drivers speeding the percentages are very similar.

<b>Church St</b>	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	743	737	944	1054	770	1011	535
% over limit	49.7	48.3	50.0	49.5	52.9	55.1	54.0
Avg Speeder	24.0	24.1	24.0	24.0	24.3	24.2	24.1
Avg Speed	10.6	10.6	11.2	10.7	11.9	12.1	12.6

The Radarlux unit remained in Mill Road and recorded a top speed of 52mph. Average speed passing the unit was 24mph inbound and 25mph outbound, considerably higher than Church St.