

SAM2 Report Summary

Sluice Road

4th February to 2nd March 2026

General Information

Traffic Report From 04/02/2026 16:00:00 through 02/03/2026 07:59:59

85th Percentile Speed = 30.5 MPH

85th Percentile Vehicles = 21,153 counts

Max Speed = 50.0 MPH on 15/02/2026 19:40:00

Total Vehicles =24,886 counts

AADT: 969.6

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		976	924
AM Peak	07:00 to 08:00	97	83
PM Peak	16:00 to 17:00	89	80

Speed

Speed Limit: 30 MPH

85th Percentile Speed: 30.5 MPH

50th Percentile Speed: 26.2 MPH

10 MPH Pace Interval: 20.0 MPH to 30.0 MPH

Average Speed: 25.5 MPH

The 85th percentile can be used to determine speed limits for roads. This is based on the theory that most drivers are reasonable and do not want to get in an accident, but do want to get to their destination as quickly as possible. Therefore, a speed at which 85 percent of people drive is figured to be the highest safe speed for that road (Road Safety GB, 2025)

- In comparison to the last report (September):
 - There were just under 10,000 more vehicle counts in this data period compared to September
 - The maximum recorded speed is 50mph in comparison to 45mph in the last period
 - The busiest times of day are similar to those recorded during the last period
- The above information indicates that **85%** of total vehicles drove at the 85th percentile speed of 30.5mph which shows good compliance with the speed limit in this area
- 16% of vehicles were recorded travelling over the speed limit
 - 38 vehicles were recorded at travelling over 45mph
- Speed compliance is generally better during this period compared to the previous period.

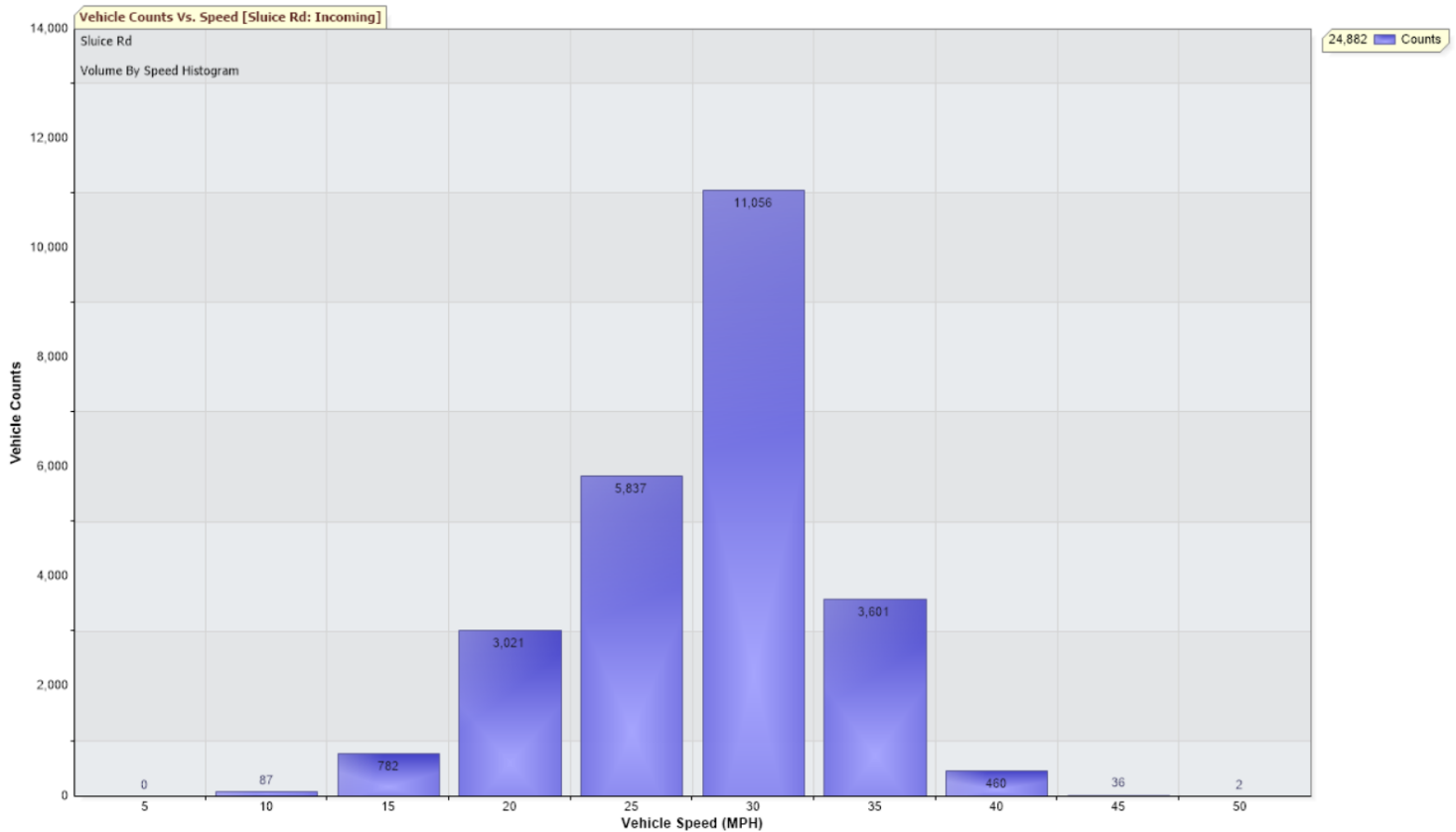
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Counts

The below graph shows the number of vehicles (vertical) against the speed that they are travelling (horizontal).



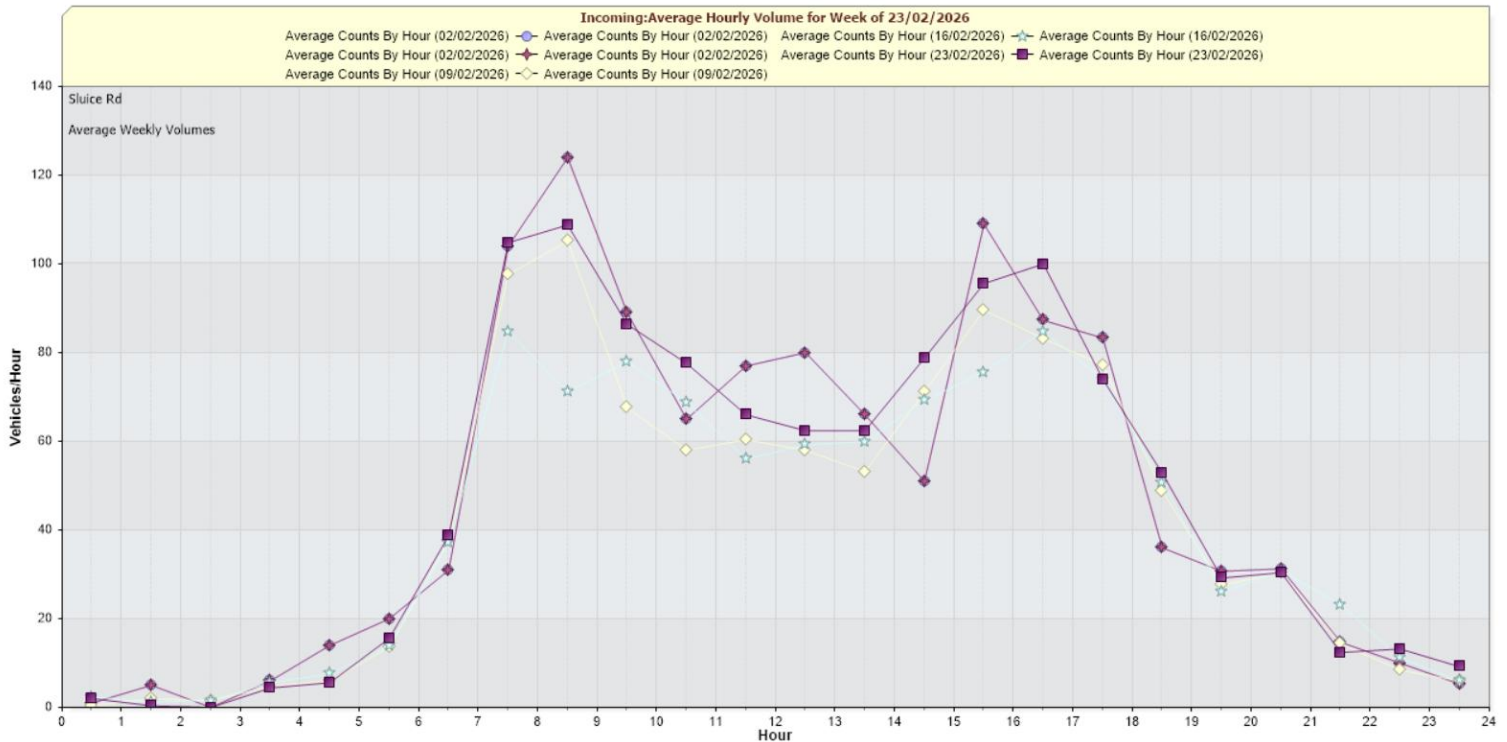
- The chart shows that 16% of vehicles (4099/24882) were travelling over the 30mph during the measurement period.
- The majority of vehicles were travelling under the speed limit, however this may also be affected by vehicles slowing to turn into Lewis Drive.

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The below graph plots the average number of vehicle counts per hour (vertical) against the time of day (horizontal)



- The peak vehicle counts for the road are typically between 0700-0930 and 1530-1730 which would be consistent with rush hour traffic returning to the village
 - This is consistent with previous SAM2 reports

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Speeders

The left chart shows the count of speeders per day and hour and the right hand chart shows the average speed of speeders on each day per hour.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
0 - 1	2	2	14	4	4	22	20	5.2	21	34
1 - 2	0	0	2	8	18	6	14	5.6	10	31.7
2 - 3	0	2	6	6	2	8	4	3.2	6	32
3 - 4	24	8	16	24	14	16	0	17.2	8	33.8
4 - 5	12	16	26	36	34	16	12	24.8	14	32.9
5 - 6	44	56	34	58	64	16	10	51.2	13	32.5
6 - 7	106	126	128	152	118	38	16	126	27	33
7 - 8	282	316	302	406	338	126	48	328.8	87	31
8 - 9	292	264	300	452	366	282	86	334.8	184	31.2
9 - 10	248	196	202	346	346	294	140	267.6	217	29.6
10 - 11	214	194	178	250	316	322	252	230.4	287	29.6
11 - 12	166	154	224	270	252	422	200	213.2	311	30.2
12 - 13	184	194	140	268	272	306	164	211.6	235	30.8
13 - 14	172	146	146	270	276	290	174	202	232	29.8
14 - 15	204	222	208	264	300	316	146	239.6	231	30
15 - 16	250	256	244	352	420	276	156	304.4	216	29.7
16 - 17	260	290	328	304	420	228	132	320.4	180	30.1
17 - 18	220	252	286	320	298	210	148	275.2	179	29.8
18 - 19	142	102	236	172	218	128	68	174	98	29.9
19 - 20	68	70	138	124	106	96	52	101.2	74	30.8
20 - 21	104	92	112	108	136	118	74	110.4	96	30.7
21 - 22	52	32	60	80	70	82	34	58.8	58	31.2
22 - 23	40	22	42	34	56	54	30	38.8	42	31.1
23 - 24	22	16	14	28	42	30	14	24.4	22	32.4
Totals	3108	3028	3386	4336	4486	3702	1994			
% of Total	12.9%	12.6%	14.1%	18%	18.7%	15.4%	8.3%			

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
0 - 1	32.5	32.5	32.5	32.5	37.5	35.8	32.5	33.5	34.5	34
1 - 2	0	0	0	35	32.5	32.5	0	33.5	32.5	31.7
2 - 3	0	0	35.8	0	0	0	0	35.8	0	32
3 - 4	34.2	32.5	33.8	33.5	32.5	34.2	0	33.3	34.2	33.8
4 - 5	32.5	32.5	32.5	33.5	34.4	32.5	32.5	33.5	32.5	32.9
5 - 6	32.5	33.3	33.5	33.8	34.7	37.5	32.5	33.7	33.8	32.5
6 - 7	33.9	33.9	34.2	33.5	33.5	33.3	34.2	33.7	33.5	33
7 - 8	33	32.7	33.2	32.7	32.6	32.9	33.1	32.8	33	31
8 - 9	32.8	33.2	33.1	33.2	33	32.7	32.5	33.1	32.6	31.2
9 - 10	32.5	32.5	33	32.7	33.8	33.4	33.3	32.9	33.4	29.6
10 - 11	32.9	33.1	32.5	33.5	32.8	33	32.7	32.9	32.9	29.6
11 - 12	33	32.5	33.1	32.8	32.5	33.5	33	32.8	33.4	30.2
12 - 13	33.1	32.9	33.1	32.7	34.3	32.7	32.5	33.1	32.6	30.8
13 - 14	33	33.6	33.5	33.1	32.8	33.6	32.8	33.1	33.3	29.8
14 - 15	32.5	32.9	33.3	32.5	33	32.7	33	32.9	32.8	30
15 - 16	32.5	33	33.3	32.5	32.5	33	32.9	32.7	33	29.7
16 - 17	33.4	33.3	33.3	33.2	33.1	33	33.4	33.2	33.2	30.1
17 - 18	33.3	32.9	34.8	33	33.8	33.1	33.1	33.5	33.1	29.8
18 - 19	33.5	35.3	32.5	33	32.9	32.5	34.4	33.2	33.3	29.9
19 - 20	33.5	33.1	33.1	32.5	33.3	33.2	35.5	33.1	34.2	30.8
20 - 21	33.3	33.9	32.5	33.2	32.5	35	33.8	33.2	34.4	30.7
21 - 22	32.5	33.5	34.5	32.5	32.5	33.2	32.5	33	33.1	31.2
22 - 23	34.2	32.5	32.5	32.5	33.5	32.5	33.2	33.1	33.1	31.1
23 - 24	32.5	33.8	37.5	34.2	36.7	37.5	37.5	35.2	37.5	32.4
Totals	33	33.2	33.3	33	33.2	33.2	33.2			
% of Total	14.2%	14.3%	14.3%	14.2%	14.3%	14.3%	14.3%			

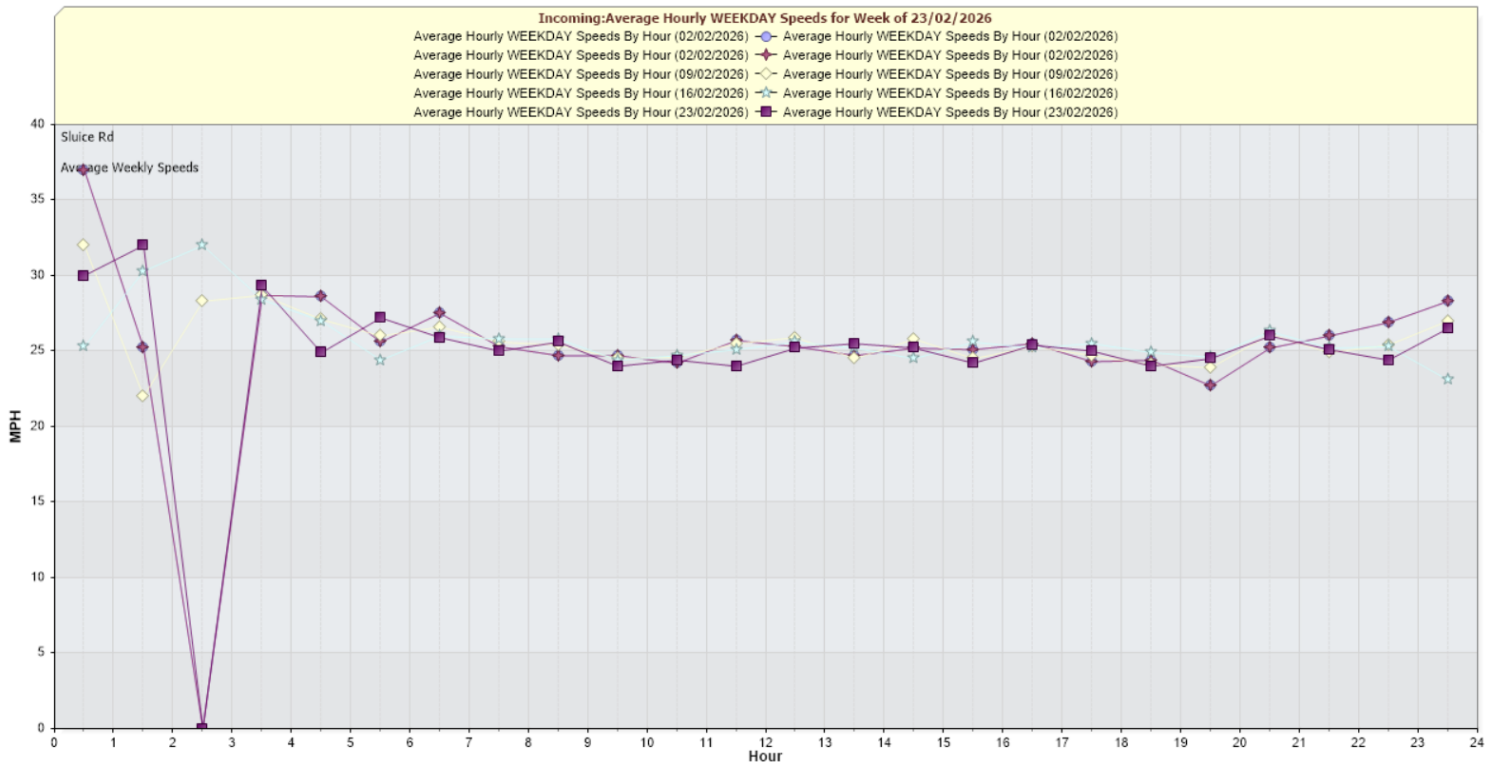
- The highest average 85% speed occurs between 0000-0100 although the numbers of vehicles at these times is low compared to other times
- Thursdays and Fridays see the largest number of speeders compared to other days.
 - The average speeder remains consistent at just over 33mph
- Using other available data the majority of higher average speeds are between 0000-0300

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The below chart shows the average speed per hour per week:



- The average speed is highest between the hours of 0000-0300 across all 4 weeks
- On the weeks commencing 2nd and 23rd of January there were no recorded vehicles between 0130-0330.
- From 0330 average speeds remain consistent between 25 and 30mph

Conclusion

As indicated by the 85th percentile speed and the large proportion of vehicles that adhere to this, this area has a good speed compliance which has been consistent across the last three data periods.

Some results may be unreliable as vehicles will naturally slow to turn into Lewis Drive however given the number of vehicles using this road, this would only have a small effect on the remaining results.

No further action is required in this area currently.