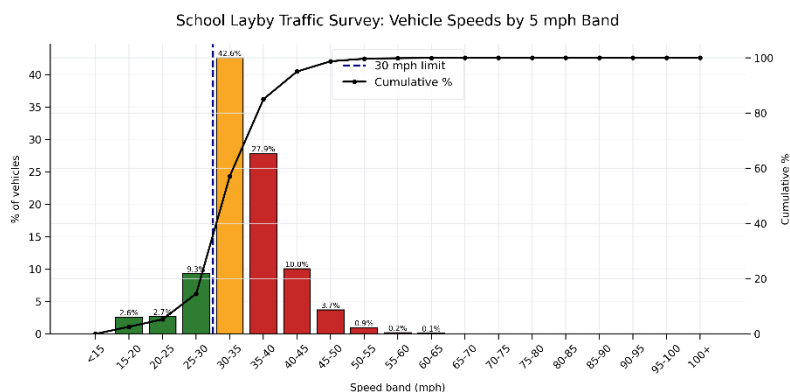


Vehicle Activated Sign Results – School Layby, Shop Hill

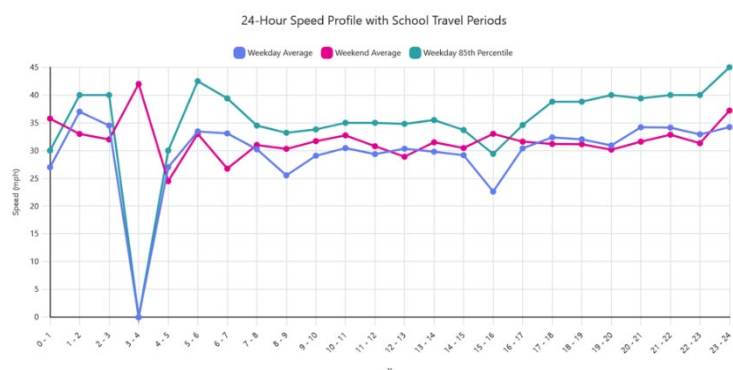
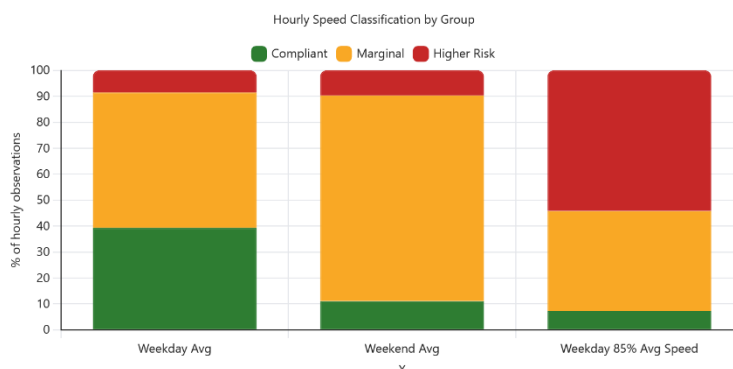
4th – 24th September 2026

Total vehicle count: 19,562



Headline figures

- 14.6% of vehicles were travelling **below 30 mph**.
- 42.6% were travelling **30-35 mph**.
- 42.8% were travelling **above 35 mph**.
- Therefore, **85.4% of vehicles were travelling at or above 30 mph**.



Weekday Average Speeds: Most hourly periods (52.1%) fall into the marginal exceedance category, while only 39.4% are fully compliant.

Weekend Average Speeds: Compliance drops sharply, with only 11.1% of hourly periods at or below 30 mph. Nearly four-fifths of hours are in the marginal exceedance category.

Weekday 85th Percentile Speeds: More than half of hourly observations (54.2%) fall into the higher-risk speeding category, indicating that during many hours, the faster-moving traffic stream is well above the desired limit.

Key findings

School arrival (08:00-09:00)

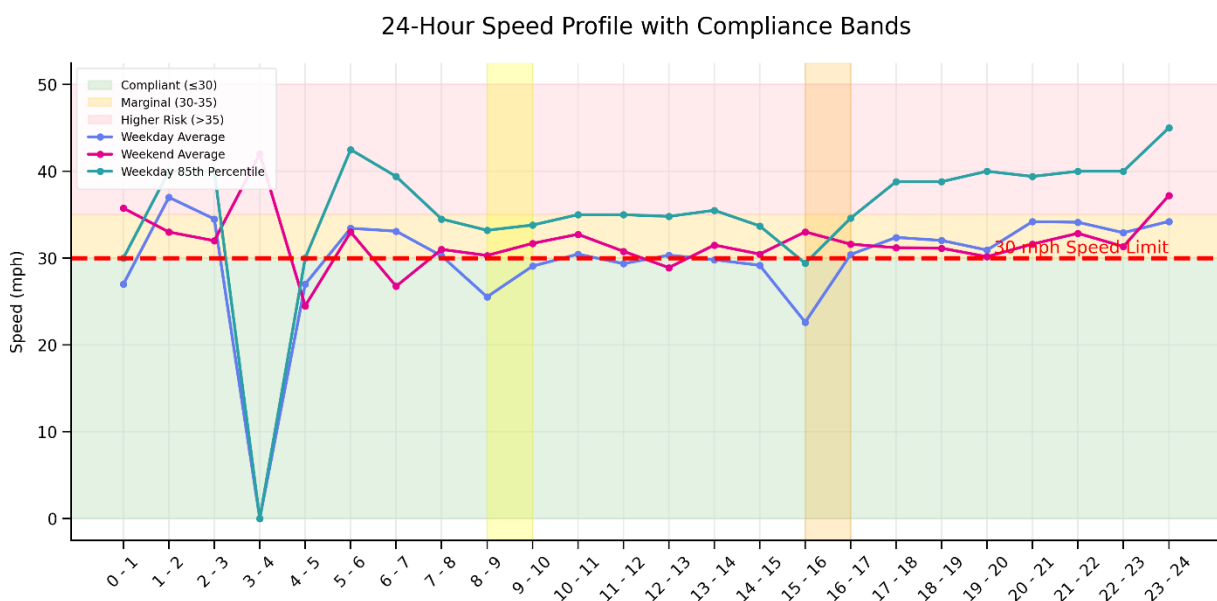
- Weekday average speed is approximately **25.5 mph**, below the posted limit.
- Weekend and 85th-percentile measures remain around **30-35 mph**.

School departure (15:00-16:00)

- Speeds increase again after the school period ends.
- Weekday average speed reaches its lowest point of the day at approximately **22.5 mph**.

Peak speeds

- Highest weekday average speed: **42.0 mph** during **01:00-02:00**.
- Highest weekend average speed: **42.0 mph** during **03:00-04:00**.
- Highest weekday 85th-percentile speed: approximately **45-47.5 mph** during the late evening period, peaking around **23:00-24:00**.



Most **weekday average speeds** sit around the 30 mph threshold, dipping below it during school departure times.

Weekend average speeds are generally within the amber band (30-35 mph) throughout the day.

The **weekday 85th percentile speed** spends much of the day in the red (>35 mph) zone and rises to about **45 mph** late in the evening.

Do most crashes happen on high-speed roads?

No. Approximately two-thirds of all crashes in which people are killed or injured happen on roads with a speed limit of 30mph or less.

And in 2018, the majority of the 456 pedestrian fatalities and 5,782 serious casualties occurred on built-up roads. Cyclists are also vulnerable in built-up areas, with more than half of cyclist deaths (62 of 99) and serious cyclist casualties (3,402 of 3,707) occurring on built-up roads.

Did you know?

If you hit a pedestrian they have a much greater chance of surviving if your speed is lower¹.

If you hit a pedestrian:

- at 40 mph there is a 90 percent chance they will be killed.
- at 35 mph there is a 50 percent chance they will be killed.
- at 30 mph there is a 20 percent chance they will be killed.
- at 20 mph there is a 2.5 percent chance they will be killed.

¹ <https://churchoverparish.gov.uk/wp-content/uploads/2022/12/Speeding.pdf> 26.02.17