

Telematics speed data for proposed new entrance to Clock House Farm, Penshurst Road, Bidborough, Tunbridge Wells, Kent, TN3 0LW**Background**

Kent County Council (KCC)/Highways provided Martine Weber with telematics speed data for Penshurst Road in the vicinity of Clock House Farm, Bidborough in August 2023.

The data was recorded via GPS and sensors incorporated inside passing vehicles. There are providers in the market that include information solely from drivers using telematics insurance black boxes, but this is not the case with the Teltrac Navman data that is incorporated in the Ordnance Survey network used by KCC.

Many of the average speeds come from devices built into the dashboards of consumer vehicles where they regularly return their position on the road; these may include stolen vehicle trackers in high end cars, fleet telematics and limited route planning applications. With the fleet telematics there could be an element of 'careful driving' going on for fleet managers to investigate, but this is just one source of data provided and covers mainly HGV's and LCV's that make up less than 7% of the data. All these data sources combine to give a good mix of drivers, vehicles and ages, therefore the same data was trusted and used by the Department of Transport for over a decade to record statistics for England's roads.

The data is broken down into sections of road and times of day in three separate tables:

The junction with Hayesden Lane to Barden Road

Direction	Compass heading is E for traffic on the A-segment
Speed Limit	60
Avg. (85%) - Weekday, AM Peak, C	25.88 (35.84)
Avg. (85%) - Weekday, AM Peak, A	25.62 (36.26)
Avg. (85%) - Weekday, AM Peak, B	26.15 (35.42)
Avg. (85%) - Weekday, off-peak, C	27.28 (38.32)
Avg. (85%) - Weekday, off-peak, A	28.29 (38.56)
Avg. (85%) - Weekday, off-peak, B	26.26 (38.08)
Avg. (85%) - Weekday, PM peak, C	24.57 (34.96)
Avg. (85%) - Weekday, PM peak, A	23.29 (36.26)
Avg. (85%) - Weekday, PM peak, B	25.84 (33.66)
Avg. (85%) - Every day, evening, C	27.74 (37.75)
Avg. (85%) - Every day, evening, A	28.18 (40.08)
Avg. (85%) - Every day, evening, B	27.31 (35.42)
Avg. (85%) - Every day, night, C	36.07 (43.52)
Avg. (85%) - Every day, night, A	NA
Avg. (85%) - Every day, night, B	35.74 (43.52)
Avg. (85%) - Weekend, daytime, C	28.12 (38.10)
Avg. (85%) - Weekend, daytime, A	29.27 (39.05)
Avg. (85%) - Weekend, daytime, B	26.97 (37.15)
Avg. (85%) - All Day, Everyday, C	NA
Avg. (85%) - All Day, Everyday, A	NA
Avg. (85%) - All Day, Everyday, B	NA

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From Barden Road to private access to Prinstyle Place

Direction	Compass heading is E for traffic on the A-segment
Speed Limit	60
Avg. (85%) - Weekday, AM Peak, C	35.33 (44.20)
Avg. (85%) - Weekday, AM Peak, A	35.10 (45.27)
Avg. (85%) - Weekday, AM Peak, B	35.57 (43.12)
Avg. (85%) - Weekday, off-peak, C	35.13 (44.64)
Avg. (85%) - Weekday, off-peak, A	35.41 (46.84)
Avg. (85%) - Weekday, off-peak, B	34.85 (42.45)
Avg. (85%) - Weekday, PM peak, C	36.28 (43.53)
Avg. (85%) - Weekday, PM peak, A	37.58 (45.27)
Avg. (85%) - Weekday, PM peak, B	34.97 (41.79)
Avg. (85%) - Every day, evening, C	22.59 (44.28)
Avg. (85%) - Every day, evening, A	8.66 (46.44)
Avg. (85%) - Every day, evening, B	36.51 (42.12)
Avg. (85%) - Every day, night, C	40.37 (50.31)
Avg. (85%) - Every day, night, A	NA
Avg. (85%) - Every day, night, B	42.48 (50.31)
Avg. (85%) - Weekend, daytime, C	37.50 (44.20)
Avg. (85%) - Weekend, daytime, A	37.66 (45.27)
Avg. (85%) - Weekend, daytime, B	37.34 (43.12)
Avg. (85%) - All Day, Everyday, C	NA
Avg. (85%) - All Day, Everyday, A	NA
Avg. (85%) - All Day, Everyday, B	NA

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From the private access to Prinstyle Place to SR482 (PRoW to Ashour Farm)

Direction	Compass heading is E for traffic on the A-segment
Speed Limit	60
Avg. (85%) - Weekday, AM Peak, C	38.89 (45.55)
Avg. (85%) - Weekday, AM Peak, A	41.57 (47.65)
Avg. (85%) - Weekday, AM Peak, B	36.21 (43.45)
Avg. (85%) - Weekday, off-peak, C	36.44 (45.13)
Avg. (85%) - Weekday, off-peak, A	36.08 (46.16)
Avg. (85%) - Weekday, off-peak, B	36.81 (44.09)
Avg. (85%) - Weekday, PM peak, C	41.23 (48.86)
Avg. (85%) - Weekday, PM peak, A	40.69 (47.65)
Avg. (85%) - Weekday, PM peak, B	41.78 (50.07)
Avg. (85%) - Every day, evening, C	38.72 (44.40)
Avg. (85%) - Every day, evening, A	37.67 (41.91)
Avg. (85%) - Every day, evening, B	39.77 (46.89)
Avg. (85%) - Every day, night, C	36.55 (41.03)
Avg. (85%) - Every day, night, A	37.43 (41.03)
Avg. (85%) - Every day, night, B	NA
Avg. (85%) - Weekend, daytime, C	37.39 (48.07)
Avg. (85%) - Weekend, daytime, A	37.70 (46.89)
Avg. (85%) - Weekend, daytime, B	37.09 (49.24)
Avg. (85%) - All Day, Everyday, C	38.11 (46.55)
Avg. (85%) - All Day, Everyday, A	38.13 (47.65)
Avg. (85%) - All Day, Everyday, B	38.08 (45.45)

23rd November 2023

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