

ATC Traffic Analysis Report

Author:	Smart Transport Hub
Contract:	Wiltshire Council
Job Number:	052-023
Location:	Location 052-023
Road Name:	C51 Woodland Road
District:	Patney
Coordinates (X,Y):	407182 158743
Start Date:	15.04.2024
End Date:	21.04.2024
Speed Limit:	30 mph



STH carried out a 7-day ATC on Woodland Road commencing the 15/04/24. The number of vehicles exceeding the speed limit of 30mph was 279 which is 10.23% of the total vehicles recorded in both directions which was 2726.

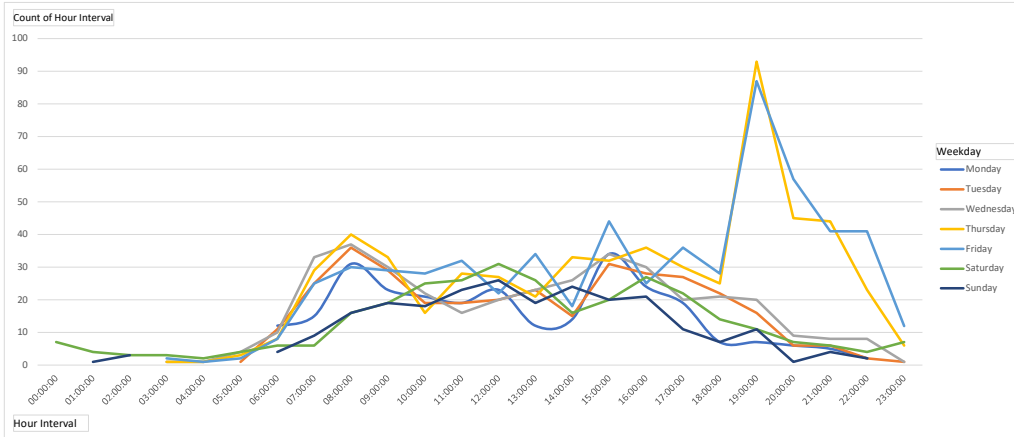
Week Commencing
15 April 2024

Total	Sum of % Over PSL	Sum of % Over ACPO	Sum of % Over DFT
2726	10.23%	1.69%	0.00%

Count of	Compass direction	Column Labels		
Row Labels	S1	N0	Grand Total	
15 April 2024	1310	1416	2726	
Grand Total	1310	1416	2726	

Compass direction
N0
S1

Class
A3
A5+
BUS
C
CAR
LGV
O
R2
R3
R4



Count of	Compass direc	Column Labels		
Row Labels	S1	N0	Grand Total	
Monday	141	135	276	
Tuesday	162	176	338	
Wednesday	208	167	375	
Thursday	247	327	574	
Friday	279	331	610	
Saturday	147	165	312	
Sunday	126	115	241	
Grand Total	1310	1416	2726	

Row Labels	Count of Class	Count of Class
A3	2	0.07%
A5+	1	0.04%
BUS	5	0.18%
C	156	5.72%
CAR	1934	70.95%
LGV	444	16.29%
O	40	1.47%
R2	131	4.81%
R3	7	0.26%
R4	6	0.22%
Grand Total	2726	100.00%

Average of	Compass direction		
Row Labels	S1	N0	Grand Total
Minimum Value	126	115	241
5 Days Average	207	227.2	434.2
7 Days Average	187.1428571	202	389.1428571

Average of	Speed	Column Labels		
Row Labels	S1	N0	Grand Total	
Monday	23.84	25.67	24.75	
Tuesday	23.31	24.83	24.07	
Wednesday	22.92	24.00	23.46	
Thursday	23.36	24.42	23.89	
Friday	23.42	25.08	24.25	
Saturday	22.07	22.95	22.51	
Sunday	21.62	22.49	22.05	
Grand Total	23.04	24.36	23.70	

% Over PSL	% Over ACPO	% Over DFT
10.23%	1.69%	0.00%

vehicles are travelling over posted speed limit (30mph) vehicles are traveling 10% +2 over PSL (35mph) vehicles are 15mph over PSL (45mph)

C51 Woodland Road (30mph speed limit)							
Direction	Number of Vehicles	Average speed over 7 days	85 percentile speeds	Percentage of vehicles complying with the 30mph speed limit	Percentage of vehicles under enforcement threshold of 35mph	Percentage of vehicles complying with a proposed signed only 30mph speed limit	Percentage of vehicles complying with a proposed signed only 30mph speed limit
N0	1416	24.4mph	29.9mph	85.8% (1215)	97.5% (1380)	85.8% (1215)	85.8% (1215)
S1	1310	23mph	27.6mph	94% (1232)	99.2% (1300)	94% (1232)	94% (1232)
Combined	2726	23.7mph	29mph	89.8% (2447)	98.3% (2680)	89.8% (2447)	89.8% (2447)



DFT 2010 with COBA

Class	Type	Axles	SP1	SP2	SP3	SP4	SP5	Aggregate
1	C	2	0.00 - 1.06					CAR
2	O	2	1.06 - 1.70					
3	CAR	2	1.70 - 2.89					
		3	1.89 - 2.95	1.90 - 4.00				
		3	1.89 - 2.95	3.50 - 6.00				
4	LGV	4	1.89 - 2.95	1.90 - 6.00	0.50 - 1.30			
		2	2.89 - 3.75				LGV	
5	R2	2	3.75 - 6.00					OGV1
6	R3	3	2.00 - 6.00	1.00 - 1.90				
		3	1.00 - 1.88	2.00 - 12.00				
7	R4	4	1.00 - 1.90	2.00 - 12.00	1.00 - 1.90			
		4	3.00 - 9.00	1.00 - 2.50	1.00 - 2.50			
8	A3	3	2.95 - 9.20	1.90 - 4.00				
		3	1.89 - 3.99	3.50 - 15.00				
		4	2.95 - 12.00	2.00 - 12.00	2.50 - 12.00			
		4	2.95 - 9.20	2.50 - 9.00	0.50 - 2.50			
		4	1.89 - 3.99	3.50 - 15.00	1.05 - 2.50			
9	A4	4	1.89 - 2.95	3.50 - 6.00	1.05 - 1.30			
		4	1.00 - 1.90	1.90 - 12.00	2.00 - 15.00			
		4	1.70 - 5.25	1.00 - 1.90	2.00 - 15.00			
10	A5+	5	2.00 - 12.00	1.00 - 12.00	2.00 - 12.00	1.00 - 1.90		
		5	2.00 - 12.00	1.00 - 1.90	1.90 - 12.00	2.50 - 12.00		
		5	1.70 - 5.25	1.00 - 1.90	2.00 - 15.00	1.00 - 2.50		
		5	1.00 - 1.90	1.90 - 12.00	2.00 - 15.00	1.00 - 2.50		
		5	2.00 - 12.00	2.00 - 15.00	0.70 - 1.80	0.70 - 1.80		
		6	2.00 - 12.00	1.00 - 1.90	1.90 - 12.00	2.00 - 12.00	1.00 - 1.90	
		6	1.90 - 5.25	1.00 - 1.90	2.00 - 15.00	1.00 - 1.90	1.00 - 1.90	
		7 - 20						
11	BUS	2	6.00 - 12.00					BUS
		3	6.00 - 12.00	1.00 - 1.90				