Warndon Parish Council SID report covering Nov 2022 for Dec Meeting

The Westcotec machine has been moved to Plantation Drive on the lamppost just before Barass Avenue for vehicles heading west. The proportion of vehicles are more than the 30mph speed limit has reduced to 23% since October. This would suggest a significant proportion of drivers are not slowing down when entering the 30mph limit. The new sign (referred to as the Elan City sign) was installed on lamppost 7828 just before Haywain Drive. Early data form the new sign would suggest drivers are at lower speeds at this point, which is encouraging.

Comparison with Previous Months (Westcotec SID)

Report	Dates Covered	Days	Veh Counts	Ave Daily Count	85th Percentile Speed mph	85th Percentile Vehicles	NB. of Speeders	Speeders % of veh counts
Plantation Drive(1) n l/c with no number just before Barass Ave (A4440 side) for vehicles heading west.								
Nov for Dec 2022	01/11 to 30/11	30	80,905	2,697	32.1	68,769	18,741	23.2%
Oct for Nov 2022	01/10 to 31/10	31	72,180	2,328	32.5	61,353	18,953	26.3%
Dugdale Drive (1) on l/c no.7920 opposite Bright Ave for vehicles heading west								
May for Jun 2022	09/05 to 31/05	23	31,522	1,372	31.6	26,794	6,476	20.5%
Jun for Jul 2022	01/06 to 30/06	30	39,268	1,309	32.1	33,378	9,099	23.2%
Jul for Aug 2022	01/07 to 31/07	27	33,403	1,237	31.8	28,393	7,255	21.7%
Aug for Sep 2022	01/08 to 31/08	31	33,576	1,083	31.8	30,240	7,525	21.2%
Sept for Oct 2022	01/09 to 30/09	30	37,666	1,256	31.3	32,101	7,188	19.0%
Millwood Drive, Northbound, on lamppost opposite Ankerage Green								
Apr for May 2022	01/04 to 30/04	30	57,234	1,908	28.9	48,649	3,549	6.2%

Compiled by Councillor Stephen Hodgson 01.12.2022

TRAFFIC ANALYSIS REPORT



TRAFFIC ANALYSIS REPORT FOR WESTCOTEC SID

For Project: 2022.11 Plantation Drive
Projects Notes/Address: Plantation Drive(1)30 mph n l/c with no number just before Barass Ave (A4440 side) for vehicles heading west.
Location/Name: Incoming
Report Generated: 01/12/2022 02:59:50 PM
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report From 01/11/2022 12:00:00 AM through 30/11/2022 11:59:59 PM

85th Percentile Speed = 32.1 MPH
85th Percentile Vehicles = 68,769 counts
Max Speed = 50.0 MPH on 05/11/2022 21:20:00
Total Vehicles =80,905 counts
AADT: 2696.8

Volumes - weekly vehicle counts

		5 Day	7 Day
Average Daily	Time	2,831	2,600
AM Peak	08:00 to 09:00	278	213
PM Peak	05:00 to 06:00	358	298

Speed
Speed Limit: 30 MPH
85th Percentile Speed: 32.1 MPH
50th Percentile Speed: 27.6 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 27.6 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	2540	3102	3187	2607	2765	2536	2004
% over limit	22.5	21.9	21.4	21.6	22.6	28.2	27.8
Avg Speeder	33.3	33.3	33.3	33.2	33.3	33.5	33.4

TRAFFIC ANALYSIS REPORT

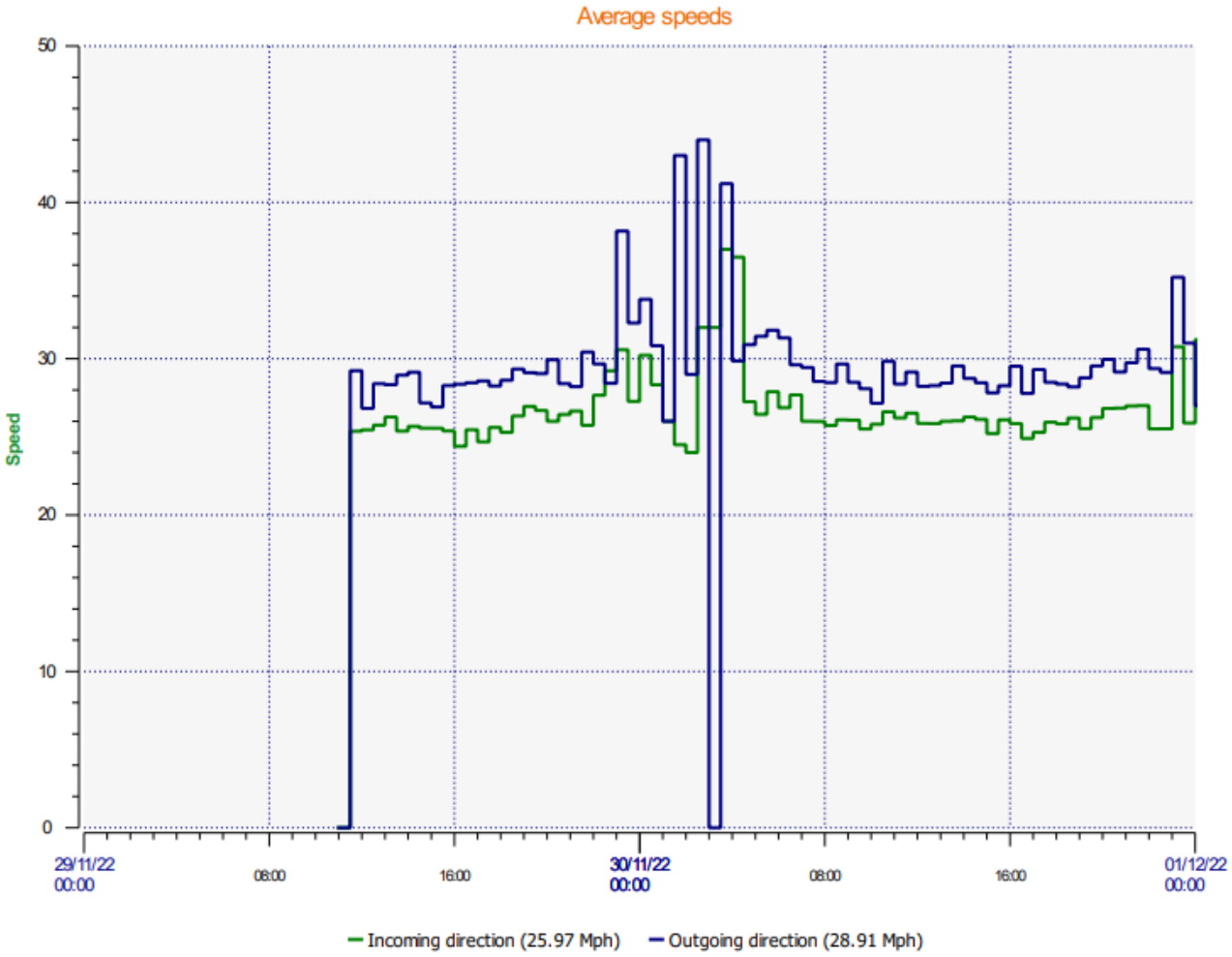


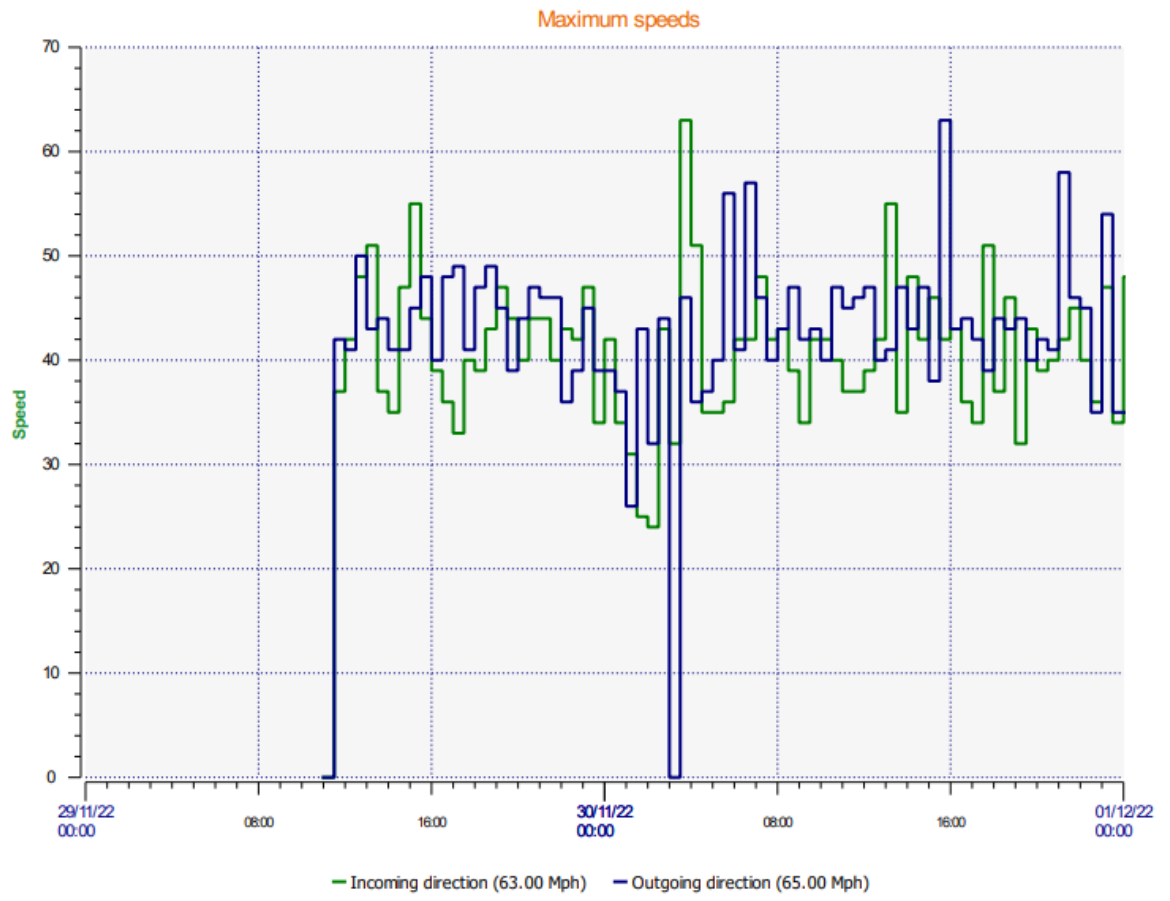
TRAFFIC ANALYSIS REPORT FOR ELAN CITY SID

The newly purchased SID is manufactured by Elan City and uses its own software that is different to the Houston Radar software on the Westcotec devices the Parish Council has previously used.

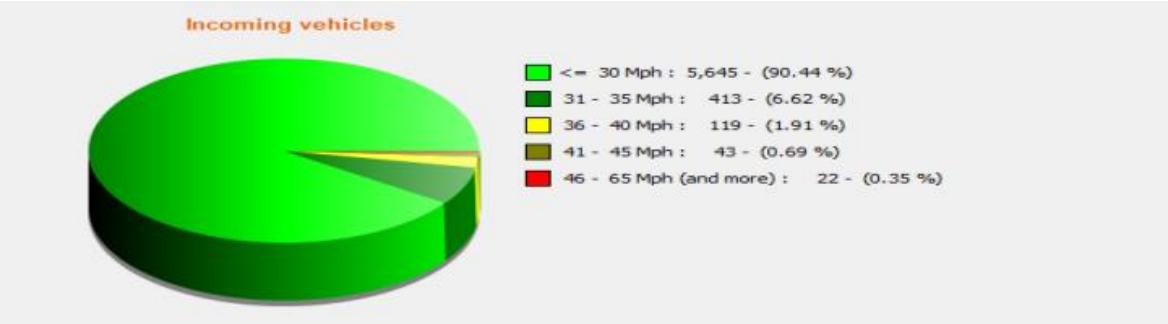
One of the most significant differences is data is recorded in both direction so the data on the blue graph line shows traffic that does not see the message from the sign. It would appear that the sign is slowing traffic down (shown as green), although it is possible traffic iheading towards the A4440 roundabout is speeding up, hence the large difference. Traffic in the opposite (incoming) direction could be slowing to turn left onto The Haywain or Millwood Drive.

With this month's report is the full report as a separate PDF file. Only two days are captured, but it demonstrates the information the sign will provide.





Incoming Vehicles (sign visible to driver, heading west on Plantation Drive)



Outgoing Vehicles (sign not visible to driver, heading east on Plantation Drive)

