

Warndon Parish Council SID report covering Jan 2023 for Feb Meeting

The Westcotec machine is on 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 21.3% since October. The reduction in speed over the past four months is encouraging. The Westcotec machine is having a solar powered unit fitted, so both the Parish Council speed signs will have solar capability.

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.								
Jan for Feb 2023	01/01 to 31/01	31	81,488	2,629	31.7	69,265	17,377	21.3%
Dec for Jan 2023	01/12 to 31/12	31	63,380	2,045	32.0	58,873	14,341	22.6%
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%

TRAFFIC ANALYSIS REPORT

TRAFFIC ANALYSIS REPORT FOR WESTCOTEC SID

For Project: 2023.A 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: 01/02/2023 04:16:13 PM
 Speed Intervals = 5 MPH
 Time Intervals = Instant



Traffic Report From 01/01/2023 12:00:00 AM through 31/01/2023 11:59:59 PM

85th Percentile Speed = 31.7 MPH
 85th Percentile Vehicles = 69,265 counts
 Max Speed = 50.0 MPH on 04/01/2023 19:25:00
 Total Vehicles =81,488 counts
 AADT: 2628.6

Volumes - weekly vehicle counts

		5 Day	7 Day
Average Daily	Time	2,953	2,590
AM Peak	08:00 to 09:00	263	201
PM Peak	05:00 to 06:00	364	301

Speed

Speed Limit: 30 MPH
 85th Percentile Speed: 31.7 MPH
 50th Percentile Speed: 27.5 MPH
 10 MPH Pace Interval: 20.0 MPH to 30.0 MPH
 Average Speed: 27.4 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	2,782	2,821	2,349	2,441	2,596	2,220	2,168
% over limit	21	19.3	19.6	19.7	20.9	26	26.1
Avg Speeder	33.2	33.3	33.2	33.3	33.2	33.3	33.3

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 device the Parish Council has also uses.



There were battery issues in December due to using a solar powered device. The Parish Council has now purchased a charger which means the battery is regularly charged during the winter months where day light hours are shorter.

The table below summaries the data captured by the device. The information is similar to what is recorded by the Westcotec device. The differences are the number of 85th percentile vehicles are not recorded so the percentage of drivers at or below the speed limit has been added.

Report	Dates Covered	Days	Direction	Veh Counts	Ave Daily Count	85th Percentile Speed mph	% below 30mph	NB. of Speeders	Speeders % of veh counts
Plantation Dr Ip 7828 westbound, before turning Haywain Avenue									
Jan for Feb 2023	01/01 to 31/01	31	Incoming	67,875	2,189	28	90.5%	6,424	9.5%
			Outgoing	63,082	2,035	33	69.8%	19,052	30.2%
Dec for Jan 2023	01/12 to 31/12	20	Incoming	40,889	2,045	29	89.0%	4,486	11.0%
			Outgoing	37,732	1,887	34	67.1%	12,423	32.9%

The device records vehicles travelling in both directions. Incoming vehicles see the sign with their speed displayed. Due to battery failure in December the sign was only active for 20 days.

Compiled by Councillor Stephen Hodgson 01.02.2023