Traffic Evaluation

Author

Institution	Padbury Parish Council
Department	
Street	
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City	Padbury
Country	United Kingdom
Contact	Padbury Parish Council
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Padbury Parish Council

Built with **DataCollect Webreporter** version 1.0 at 01/04/2024 16:47:49

Site

Name	PAD3 - Main St.
Dir. Oncoming (name)	
Dir. Outgoing (name)	
Posted Speed Limit	**(30)**
Comment	
Device type	**DSD**

Time Range

Start Date	01/02/2024 00:00
End Date	29/02/2024 23:59
Days	Mo, Tu, We, Th, Fr, Sa, Su
Time Interval	60 minutes
Time Frame / Day	00:00 - 23:59

DSD SAFETY Success   [V in mph]

Vin	Vout	Vred	Vred %
31	**26**	-5	-16

☺

Speed Figures   [V in mph]

	Vmin	Vavg	Vmax	V15	V50	V85	Vexc %
Cross-section	3	32	77	26	31	39	**67.0**
Oncoming	3	31	62	24	31	37	**58.0**
Outgoing	3	34	77	27	34	39	**74.1**

Descriptions

Vmin: Minimal velocity

Vavg: Average velocity

Vmax: Maximal velocity

V15: Critical velocity for the first 15% of vehicles

V50: Critical velocity for the first 50% of vehicles

V85: Critical velocity for the first 85% of vehicles

Vexc %: Speeding in %

Vin: Average inlet velocity

Vout: Average velocity of exit

Vred: Average speed reduction between inlet velocity and velocity of exit

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Speed Classes (Incoming)   [V in mph]

Time	Σ	0-30	31-35	36-50	51-70	over 70
00:00-06:00	825	189	184	431	21	0
06:00-09:00	5378	2028	1629	1710	11	0
09:00-19:00	20644	9001	6387	5225	31	0
06:00-22:00	28631	12209	8764	7607	51	0
00:00-24:00	29997	12597	9110	8216	74	0

Speed Classes (Outgoing)   [V in mph]

Time	Σ	0-30	31-35	36-50	51-70	over 70
00:00-06:00	902	179	225	482	14	2
06:00-09:00	5264	1234	2005	2002	23	0
09:00-19:00	26204	6981	9751	9372	100	0
06:00-22:00	36045	9385	13380	13125	155	0
00:00-24:00	38289	9904	14031	14165	187	2

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Time Variation Curve

Legend: **Oncoming** (green), **Outgoing** (red), **Cross-section** (blue)

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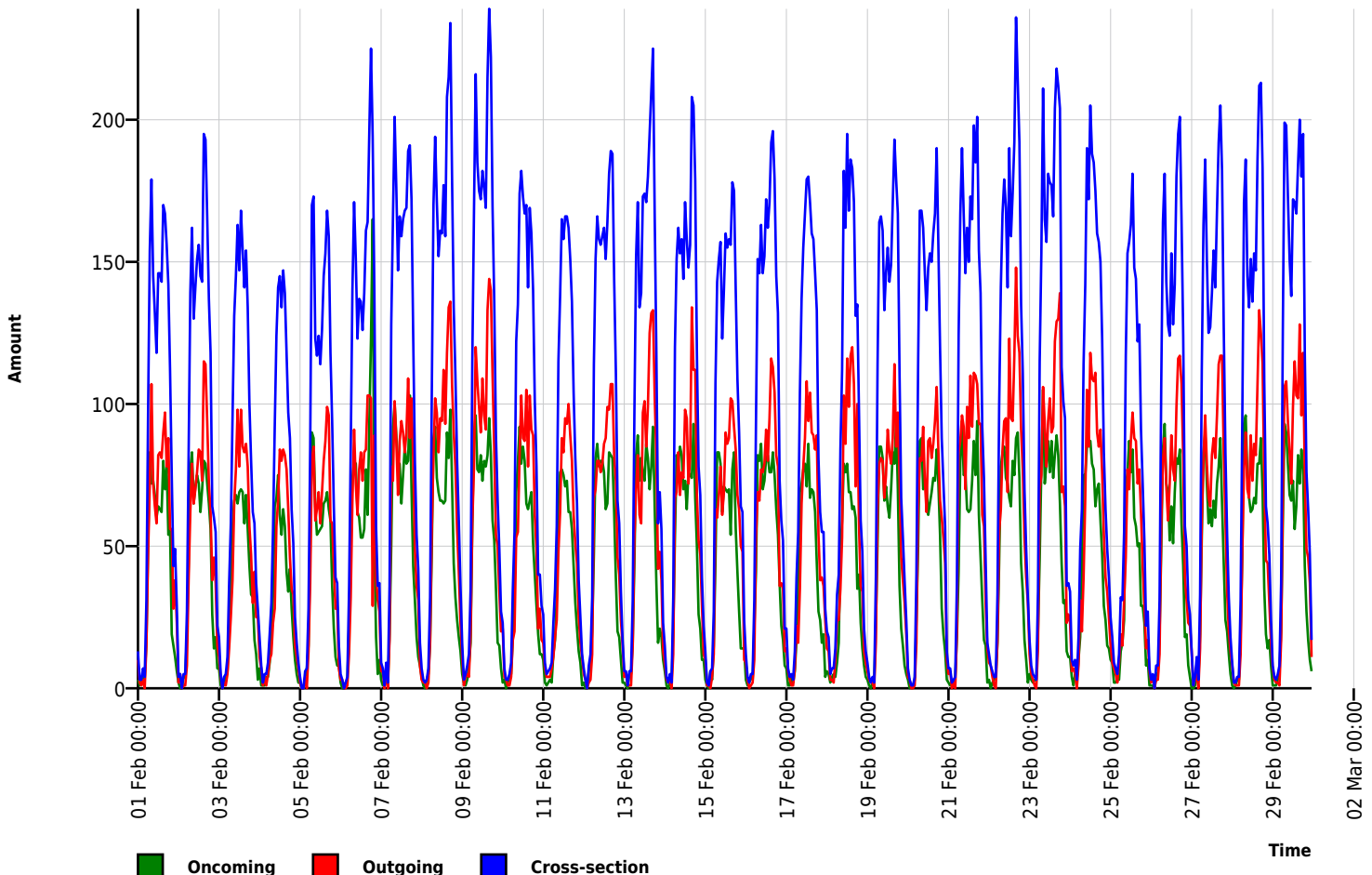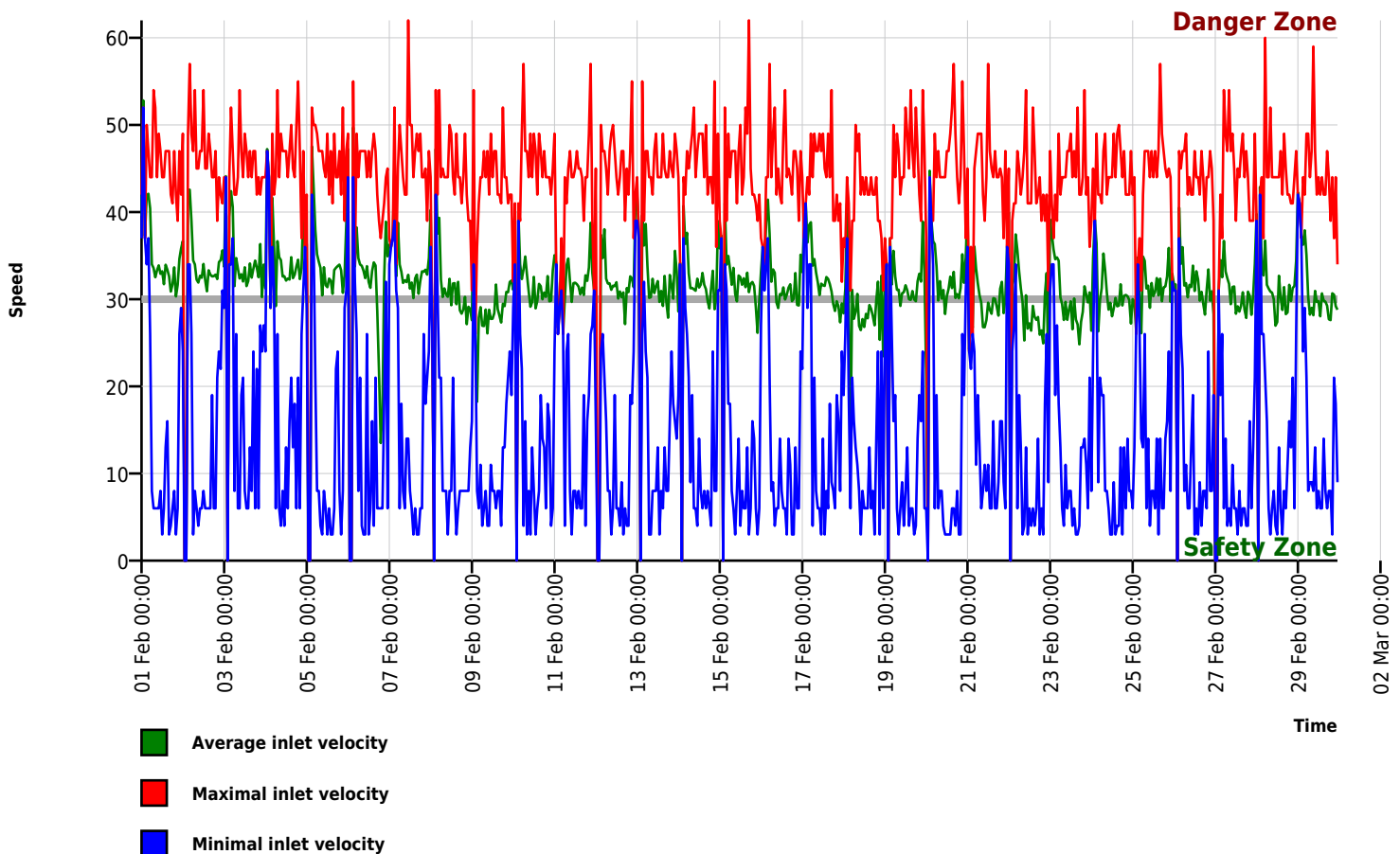Built with **DataCollect Webreporter** version 1.0 at 01/04/2024 16:47:52

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Speed Diagram (Direction Oncoming)

Legend:
- Average inlet velocity
- Maximal inlet velocity
- Minimal inlet velocity

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Speed Diagram (Direction Outgoing)

- Average inlet velocity
- Maximal inlet velocity
- Minimal inlet velocity

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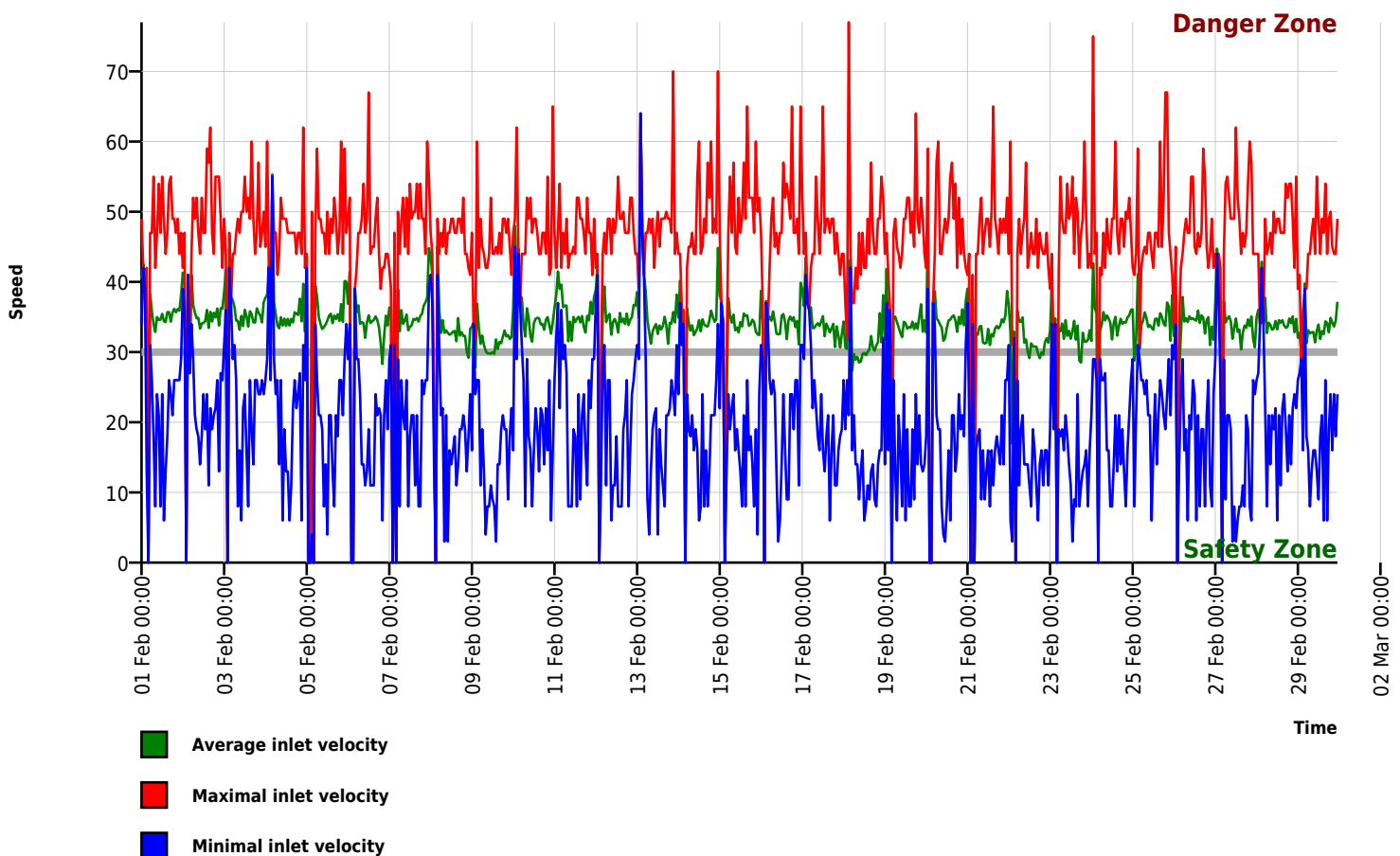Built with **DataCollect Webreporter** version 1.0 at 01/04/2024 16:47:52

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Speed Histogram

Legend: Oncoming, Outgoing, Cross-section, velocity of exit

Speed in [mph]	Oncoming	Outgoing	Cross-section	velocity of exit
0-30	12597	9904	22501	21796
31-35	9110	14031	23141	5885
36-50	8216	14165	22381	2309
51-70	74	187	261	7
over 70		2	2	