

Author

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Padbury
Parish Council

Generated with **DataCollect Webreporter** version 1.0 at 11/18/2023 17:21:38

Site

Name Padbury 1
 Dir. Oncoming (name)
 Dir. Outgoing (name)
 Posted Speed Limit 
 Comment
 Device type **DSD**

Time Range

Start date 08/01/2023 00:00
 End date 08/31/2023 23:59
 Days Mo, Tu, We, Th, Fr, Sa, Su
 Time Interval 60 minutes
 Time / Day 00:00 - 23:59

DSD SAFETY Success [V in mph]

Vin	Vout	Vred	Vred %
27	25	-2	-7



Calculated speeds [V in mph]

	Vmin	Vavg	Vmax	V15	V50	V85	Vexc %
Cross-section	1	28	62	24	27	31	27.2
Oncoming	1	27	55	22	26	31	19.6
Outgoing	3	29	62	24	29	32	39.8

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 exit velocity
 Vred: Average speed reduction between entry and exit velocity

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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	3380	1850	838	689	3	0
06:00-09:00	12254	8983	2423	848	0	0
09:00-19:00	53046	45045	6830	1171	0	0
06:00-22:00	76323	62443	11299	2581	0	0
00:00-24:00	83121	66837	12780	3499	5	0

Speed Classes (Outgoing)

[V in mph]

Time	Σ	0-30	31-35	36-50	51-70	over 70
00:00-06:00	2766	1179	1017	567	3	0
06:00-09:00	8688	4913	3070	704	1	0
09:00-19:00	30874	19792	9630	1449	3	0
06:00-22:00	45759	28205	14820	2728	6	0
00:00-24:00	50424	30353	16510	3548	13	0

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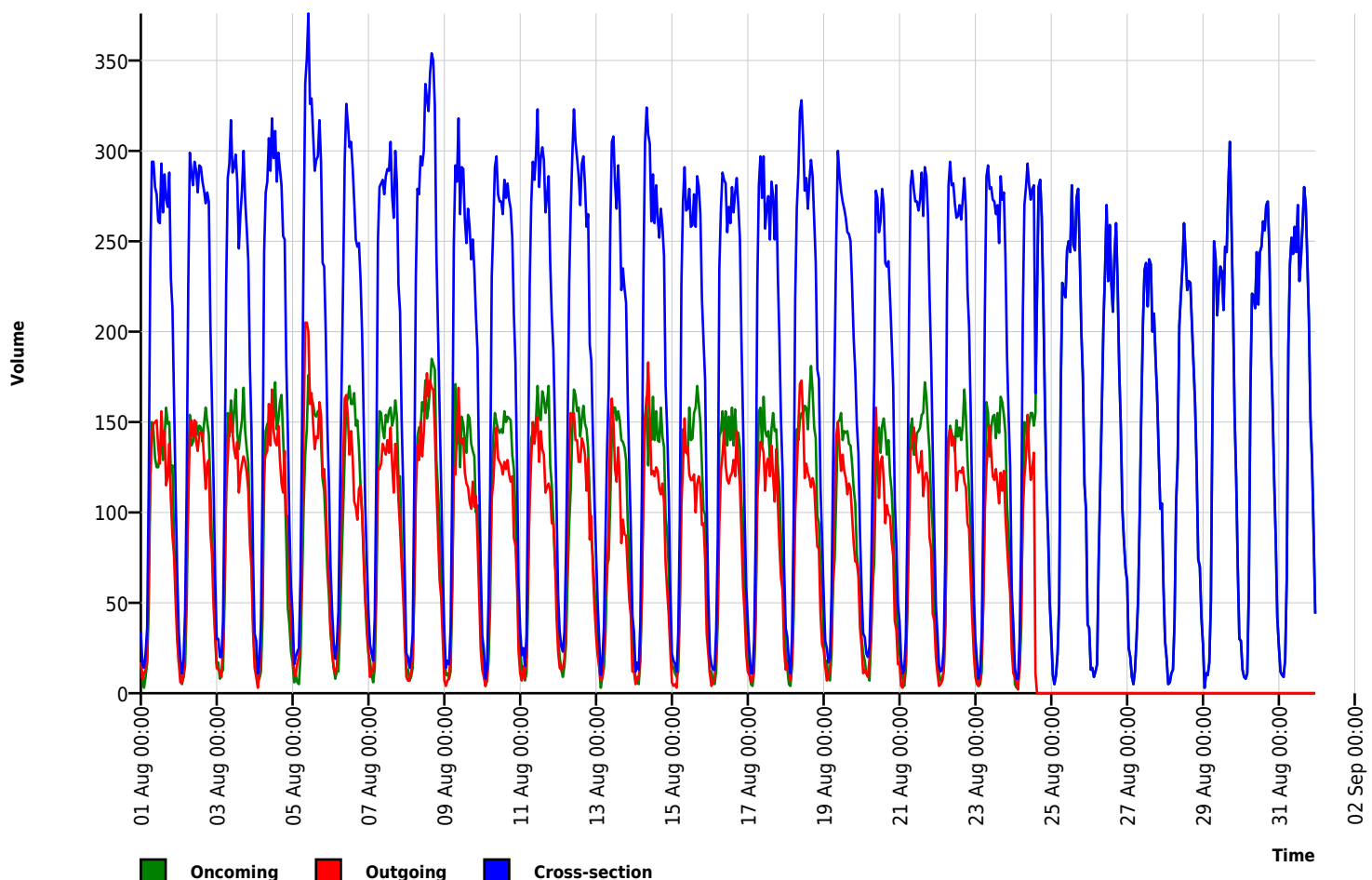
Site

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Time / Volume graph



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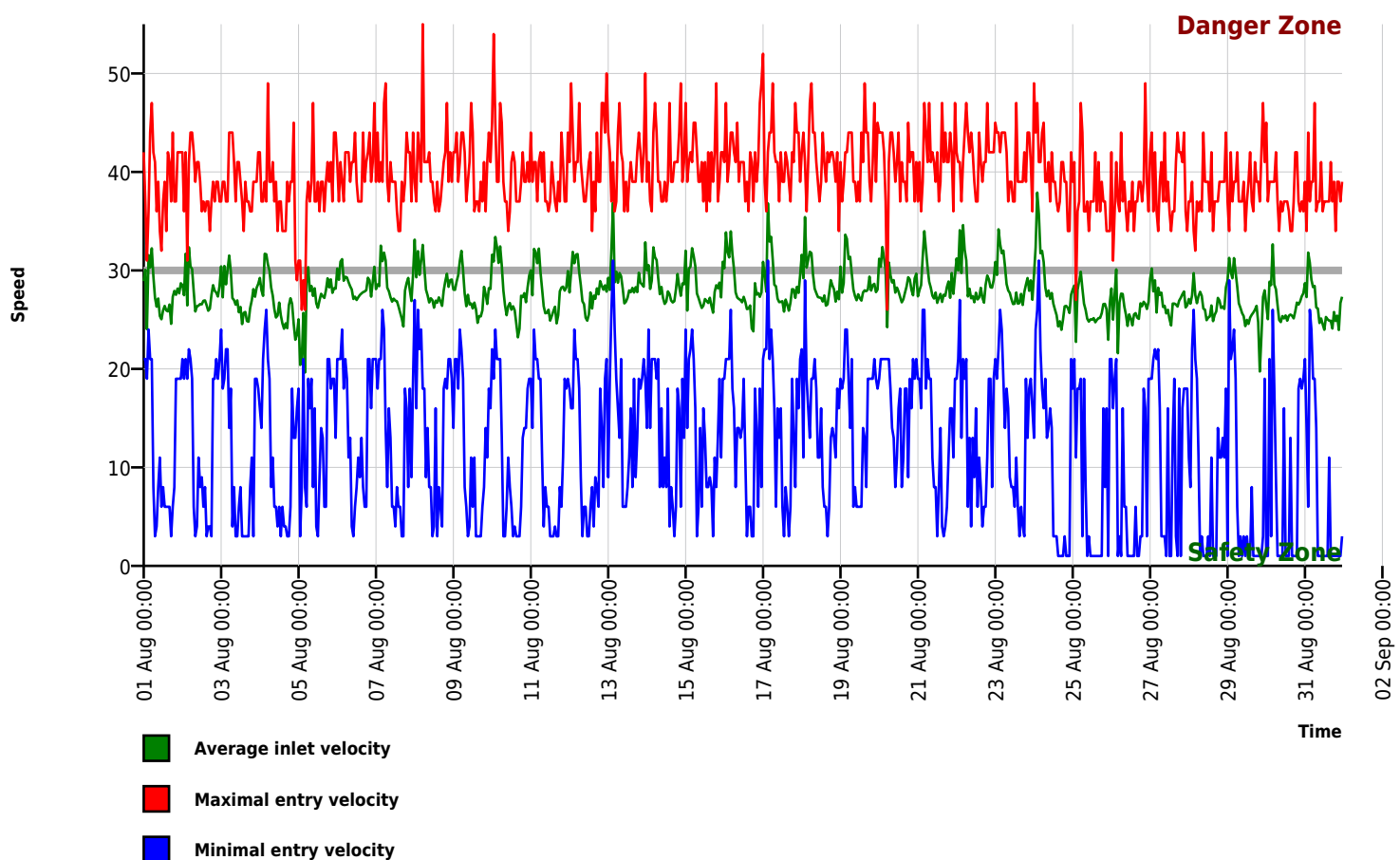
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Calc. Diagram (Direction Oncoming)



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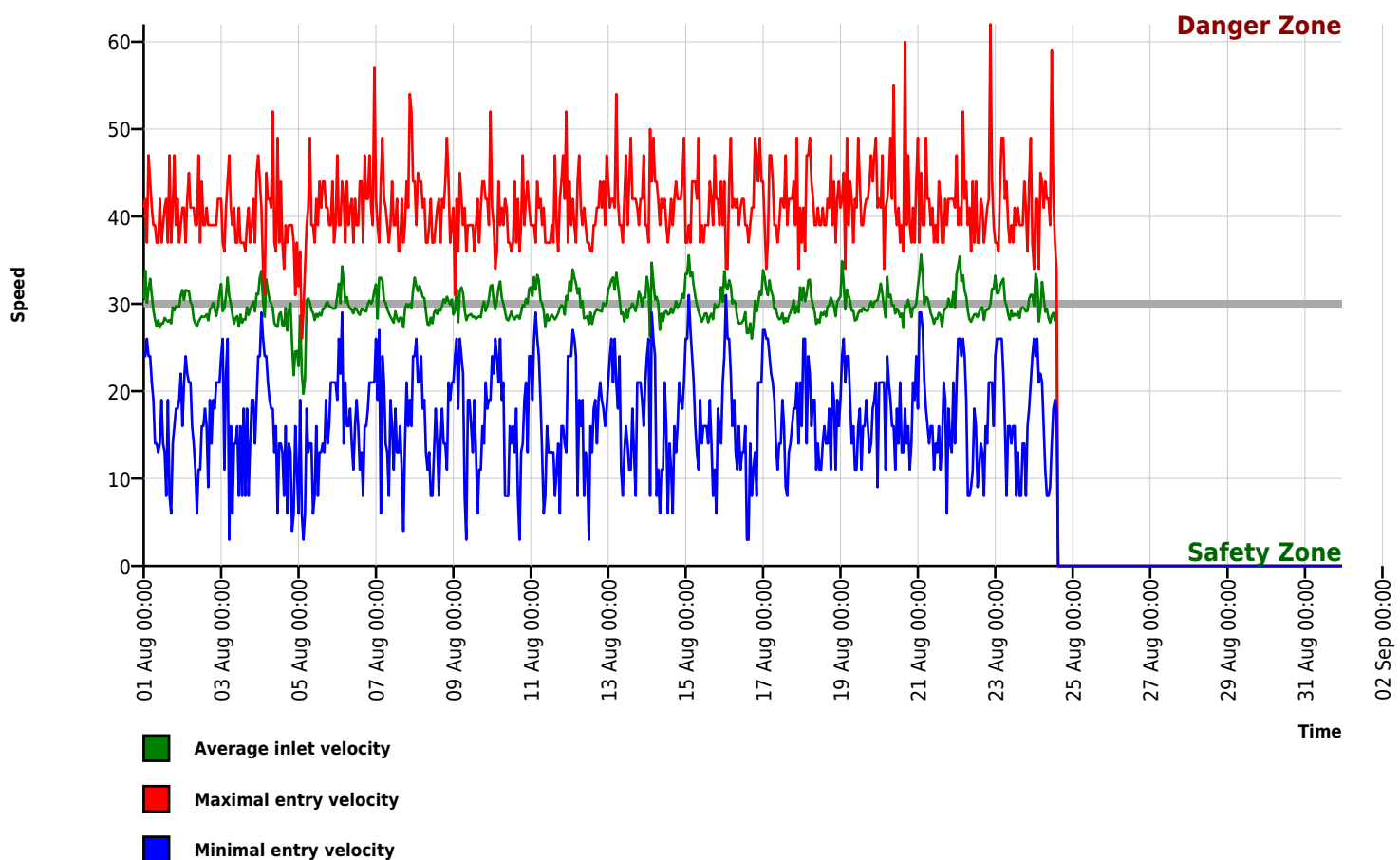
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Calc. Diagram (Direction Outgoing)



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Speed histogram

