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Subject: Deadline 8 Submission on behalf of Mr B G Norman
Date: 10 June 2019 22:04:16
Attachments: [Queen Camel High St Traffic Audit Report 16 May 201910062019.pdf](#)
[B G Norman Deadline 8 Submission \(Part 1\) 10 06 2019.pdf](#)
[B G Norman deadline 8 Submission \(Part 2\) 10 06 2019.pdf](#)

Dear Sir / Madam,

Please find attached a Deadline 8 Submission on behalf of Mr B G Norman which is in two parts with a third file containing a copy of 'Traffic Audit Report A359 High St, Queen Camel 16th May 2019'.

Would you please acknowledge receipt of this email as one of the files is rather large.

Many thanks.

Kind regards.

Les Stevens
Clerk to West Camel Parish Council

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Traffic Audit Report A359
High Street, Queen Camel
16th May 2019

Audit No. 2



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1.00 Audit Findings

1.01 Key Outcomes

check.

This audit finds that traffic levels have increased in the two year period since the first audit conducted 11th May 2017 by 4.2% or plus 287 movements and at peak evening rush hour by 91 movements or 13% and HGV's by 12%.

1.02 Audit Context

The audit was conducted over the 12 hour period 06.30 to 18.30 on Thursday the 16th May 2019 to provide a like-for-like reading of the audit conducted 11th May 2017. Working in pairs the auditors manually recorded the vehicle volumes and category mix for one lane one hour each.

1.03	<u>Traffic Count</u>	<u>2019</u>	<u>Change</u>	<u>%</u>	<u>Share</u>
	Car based	6,122	117	2	86
	Light Goods	875	158	26	12
	Heavy Goods	112	12	12	1.6
	Farming	22	10	83	0.39
	Emergency	2	(10)	16	0.00
	<u>Total</u>	<u>7,133</u>	<u>287</u>	<u>4.2</u> ✓	<u>100</u>

Both Ways

1.04	<u>Peak Traffic</u>	<u>07.00-09.00</u>	<u>16.00-18.00</u>	<u>Total</u>	<u>Audit %</u>
	2019	1,357	1,618 ✓	2,975	41.7
	<u>Change</u>	<u>57</u>	<u>-119</u>	<u>176</u>	<u>0.7</u>
	<u>%</u>	<u>4.4</u>	<u>7.9</u> ✓	<u>6.3</u>	<u>1.7</u>

391 403
406 418
797 821
821
1618 ✓

1.05 A303 to Yeovil and Yeovil to A303 Traffic Flows

<u>All Traffic</u>	<u>N > > > S</u>	<u>N < < < S</u>	<u>Total</u>
2019	3,552	3,581	7,133
Change	110	177	287
%	3.2	5.2	4.2

1.06 Average Hourly Traffic Flow

<u>All Traffic</u>	<u>N > > > S</u>	<u>N < < < S</u>	<u>Over All</u>
2019	296	298	297
Change	9	14	11
%	3.1	4.9	3.6

2.00 Audit Methodology

2.01 Audit Purpose

- a) To establish the absolute number and type of vehicles using the A359 Queen Camel High Street on a normal working day for the basis of future comparison.
- b) To use the 2019 data generated to compare with the identical audit conducted on the 11th May 2017 for any variances.
- c) To establish an up-to-date peak time traffic benchmark or norm against which future adverse or abnormal traffic increases (A303 dualising) can be compared to build the case for improved traffic calming measures.

2.02 Audit Aim

To monitor all traffic movements between the twelve hours 06.30 to 18.30 applying visually five vehicle category identities manually recorded.

Cars, Car Based
Light Goods 4 Axles
Heavy Goods 4+ Axles*
Farm & Farming Related
Emergency Response

2.03 Audit Objective

To record the traffic movement using paired auditors each monitoring the traffic in one direction only.

2.04 Audit Location

As in 2017, to use the drive area to the front of Wren Cottage to the side of the A359 Queen Camel High Street with its clear views in either direction and legal speed limit of 20 MPH.

2.05 Auditors Observations

The auditors were concerned that the definition of HGV 4+ axles was too limited and should include vehicles with twin rear tyres on each axle into the HGV definition.

Example some coaches, Somerset Waste collection, Bradfords building supply materials and Hunts wholesale delivery lorries. The outcome of this broader definition helped to increase the HGV numbers from 100 in 2017 to 112 in 2019 by 12 or plus 12%.

2.06 Audit Traffic Team

I would like to thank the following team of volunteer auditors for giving-up their time to record this audit and to Pauline for making the wheels go round during the day.

Alan Cole
Sue Cole
Angus Davidson
Philippa Davidson
Marian Davis
Paul Davis
Allan Drake
Alison Drake
Olivia Enever
Vivian Enever
Pauline Farror
Peter Farror
Sue Howman
Mike Ford
Morwenna Ford
Sue Gare
David Perkins
Lorraine Perkins
Debbie Symonds
Julian Wignall

Data Collected: 16/05/2019 QUEEN CAMEL A359 TRAFFIC COUNT Location: Wren Cottage, High Street, Queen Camel

Table 1 Direction of Traffic A303 → Sea S 1/2 hr

START TIMES	06.30	07.00	08.00	09.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00-30	TOTAL	Share %
Cars & Car Based	50	239	371	244	234	195	166	213	221	267	325	370	151	3,046	86
LGVs 4 Axles	10	36	35	22	17	34	38	27	30	54	77	41	22	443	12
HGVs 4+ Axles	2	2	13	2	4	3	4	6	4	7	--	5	--	52	1.5
Farm Equip.	--	--	--	1	2	1	--	1	1	2	1	1	--	10	0.4
999 Emergency	--	--	--	--	--	--	--	--	--	--	--	1	--	1	.09
Total 2019	62	277	419	269	257	233	208	247	256	330	403	418	173	3,552	100%

11-13
403
418
821

Table 2 Two Year Comparison

START TIMES	06.30	07.00	08.00	09.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00-30	TOTAL
Total May 2019	62	277	419	269	257	233	208	247	256	330	403	418	173	3,552
Total May 2017	50	277	414	293	258	231	230	218	251	287	373	401	159	3,442

Light Goods Vehicle = 4 Axles

is a wheel mounting point

- Heavy Goods Vehicle = 4+ Axles

Data Collected: 16/05/2019 QUEEN CAMEL A359 TRAFFIC COUNT Location: Wren Cottage, High Street, Queen Camel

Table 3 Direction of Traffic: Yeovil to A303 Northwards.

16 May 2019

START TIMES	06.30	07.00	08.00	09.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00-30	TOTAL	Share %
Cars & Car Based	106	268	281	197	196	203	258	238	232	280	329	363	125	3,076	86
LGVs 4 Axles	9	48	49	40	17	32	23	29	37	32	57	40	19	432	12
HGVs 4+ Axles	--	6	9	4	5	6	7	2	12	4	4	--	1	60	1.7
Farm Equip.	--	--	--	--	2	2	--	1	2	1	1	3	--	12	0.3
999 Emergency	--	--	--	--	--	--	--	--	--	--	--	--	1	1	.03
Total 2019	115	322	339	241	220	243	288	270	283	317	391	406	146	3,581	100%

Table 4 Two Year Comparison: Yeovil to A303 Northwards

16 May 2019

16-18
351
406
191
321
1618

START TIMES	06.30	07.00	08.00	09.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00-30	TOTAL
Total May 2019	115	322	339	241	220	243	288	270	283	317	391	406	146	3,581
Total May 2017	84	273	336	261	236	221	262	276	249	356	330	395	124	3,404

Difference +(-) +31 +43 +3 (20) (16) +22 +26 -(6) +34 -(39) +6 +19 +22 +177

Difference % 37 16 0.1 8 7 10 10 2 14 11 18 2 18 5% overall

Light Goods Vehicle = 4 Axles

Axle is a wheel mounting point

- Heavy Goods Vehicle = 4+ Axles

Location: Wren Cottage, High Street, Queen Camel

16 May 2019

START TIMES	06.30	07.00	08.00	09.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00-30	TOTAL
30315 YCO	62	277	419	269	257	233	208	247	256	330	403 ✓	418	173	3552.
Y000116 A303	115	322	339	221	220	243	288	270	283	317	391 ✓	406	146	358
COMBINED TOTAL	177	599	758	510	477	476	496	517	539	647	794	824	319	7133

16 May 2019

[illegible]

A359 Queen Camel High Street Growth Traffic Projections 2019 - 2034

Actual data gathered in Traffic Audits conducted on a Thursday in mid-May each year

2017	6,846	baseline for assessing traffic volume and future changes counted during the period 06.30 – 18.30
2019	7,133	an increase of + 287 or plus 4.2% in a two year period using like-for-like data gathering techniques

Therefore if we project traffic change @ + 4.2% every two years

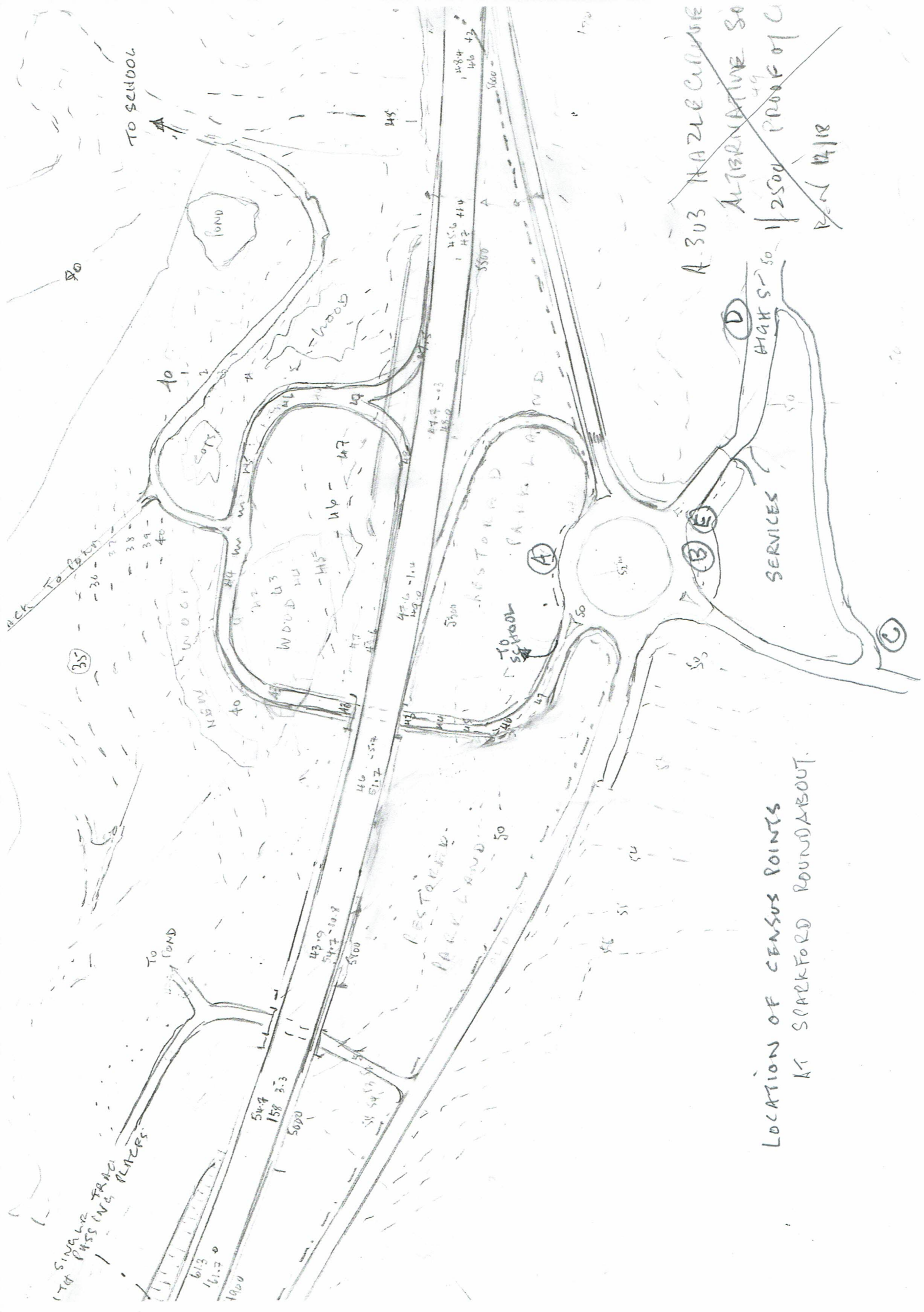
2021	+ 299	7,432
2023	+ 312	7,744
2025	+ 325	8,069
2027	+ 339	8,407
2029	+ 353	8,760
2031	+ 368	9,127
2033	+ 383	9,510
2035	+ 399	9,909

This simple data projection makes no attempt to allow for known building developments in the area or the potential pressures that the dualing of the A303 may bring to the village.

Peter Farror

03/06/2019

2117
5760
1-167 22
9583



A 303 HAZEL CROFT
ALTERNATIVE SO
1/2500 PROOF OF C
Rd 12/18

LOCATION OF CENSUS POINTS
AT SPARKFORD ROUNDABOUT.