

Oxfordshire County Council were commissioned to conduct a traffic survey to Establish Volumes of Traffic moving in and out of the Village with the prime objective of being able to quantify the effect of the new housing developments on the village of Great Coxwell in the future.

In addition they would monitor the speeds of vehicles passing the census points.

The review excluded movements in and out of Annabelles Nursery and the Great Barn. However, if movements went to and from these places via the village they would be included.

Date of Count. From 11/07/2018 To 18/07/2018 NB The count was carried out when Private Schools were on holiday.

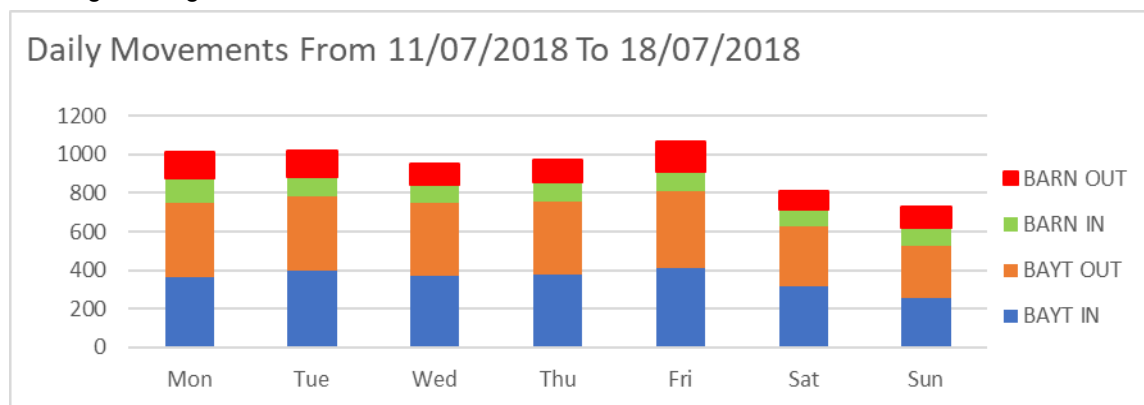
Census Points E of Bay Tree Cottage (BAYT). Holloway, Opp. Court House Entrance, (BARN)

Key Facts

There were a total of **6567** movements in and out of the village during the 7 day period of which

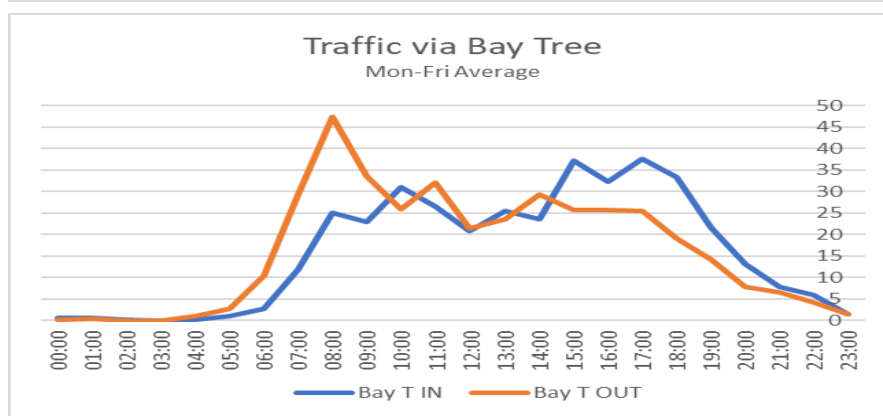
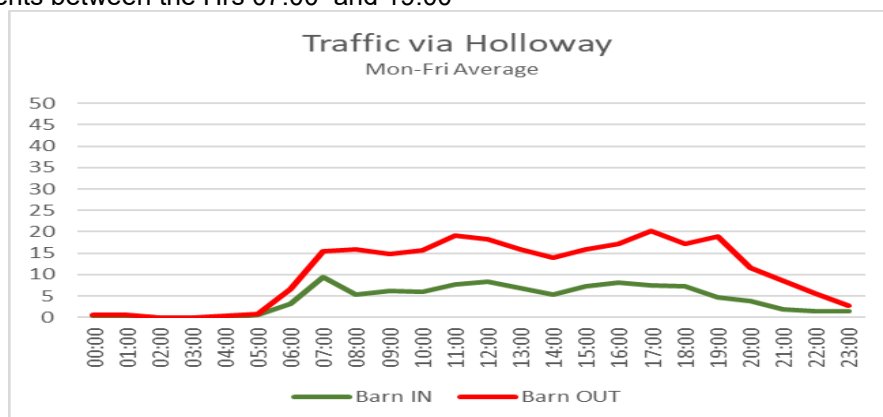
1560 Via The Holloway (**BARN**) **24%** & **5007** Via Bay Tree Cottgae (**BAYT**) **76%**

There were 203 more movements going out of the village than coming in, 39 via Bay Tree and 164 via the Barn this anomaly is being investigated.



Hourly Movements Mon - Friday Average. >1,000 movements per day.

86 % movements between the Hrs 07:00 and 19:00

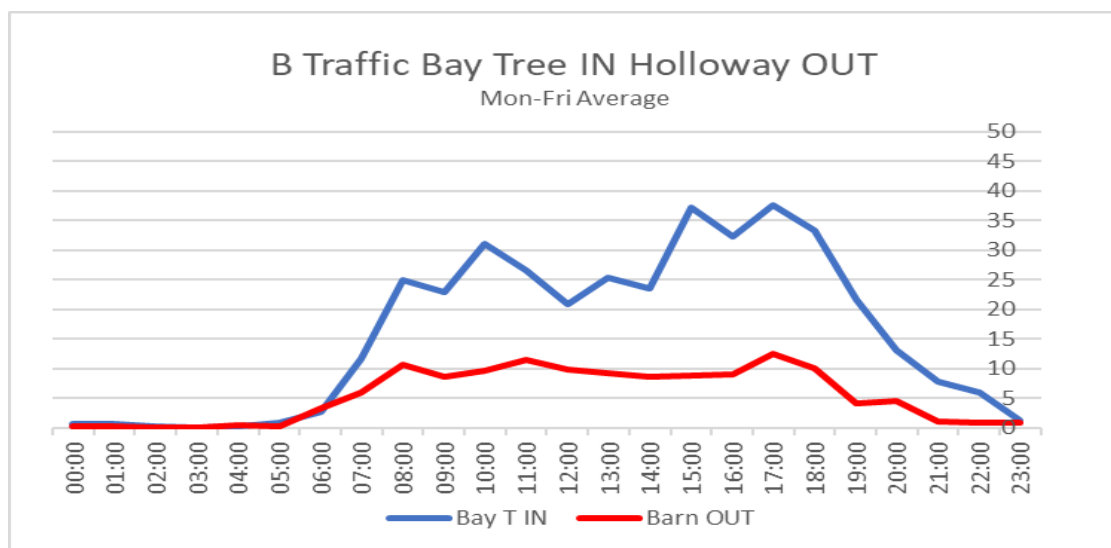
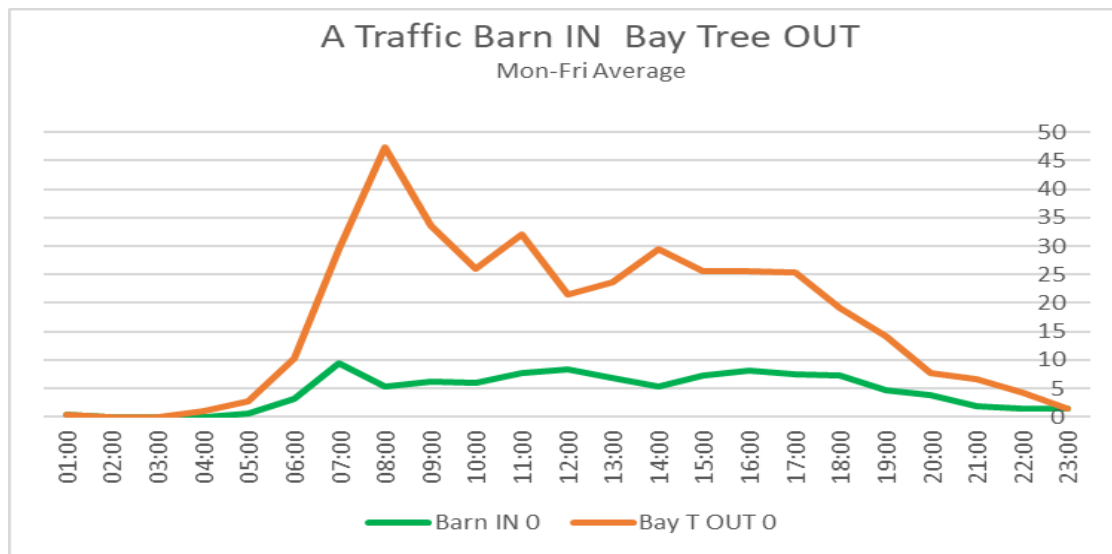


Graphs Plotting Movement of traffic through the village

One of the concerns of the village is the number of vehicles using the village as a shortcut, this exercise does not give sufficient detail for us to establish the levels of this activity known as Rat-running.

Graph A below shows little correlation between the ins and outs .

However, graph B shows some signs of correlation in particular the 17:00 hr peaks.



Summary of Speeds Daily Averages 7 Days															
MPH	<6	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	=>61	Total	
BAYT IN	0	0.3	19	201	129	5	0.3							355	
BAYT OUT	0	1	17	191	139	11	0.4							360	
BARN IN	0	4	8	20	29	27	7	3	1					100	
BARN OUT	0	1	12	17	25	33	25	5	3	2	0.3		0.14	123	

Bay Tree— only 5 occasions was the speed limit exceeded— Fortunately the majority kept their speeds down.

Barn— 21% exceeded the speed limit with one speed in excess of 61mph .

Base Data Available from Parish Clerk