

EARLS COLNE PUBLIC CAR PARK

SURVEY RESULTS REPORT – APRIL 2020

1. INTRODUCTION

- 1.1 COTTEE Transport Planning have been instructed by Earls Colne Parish Council to commission a parking survey at the Earls Colne Public Car Park off Queens Road on Thursday 5th March 2020.
- 1.2 The need for the survey is associated with the developing Neighbourhood Local Plan and whether the car park should be expanded to accommodate more parking spaces.
- 1.3 The location of the car park is illustrated at **Figure 1** below. It is in the village centre just north of the village shopping area on the High Street. The access is on Queens Road east of the site. On the north and east side of the car park are residential properties whilst on the west side is an allotment area which may be considered for the car park expansion.

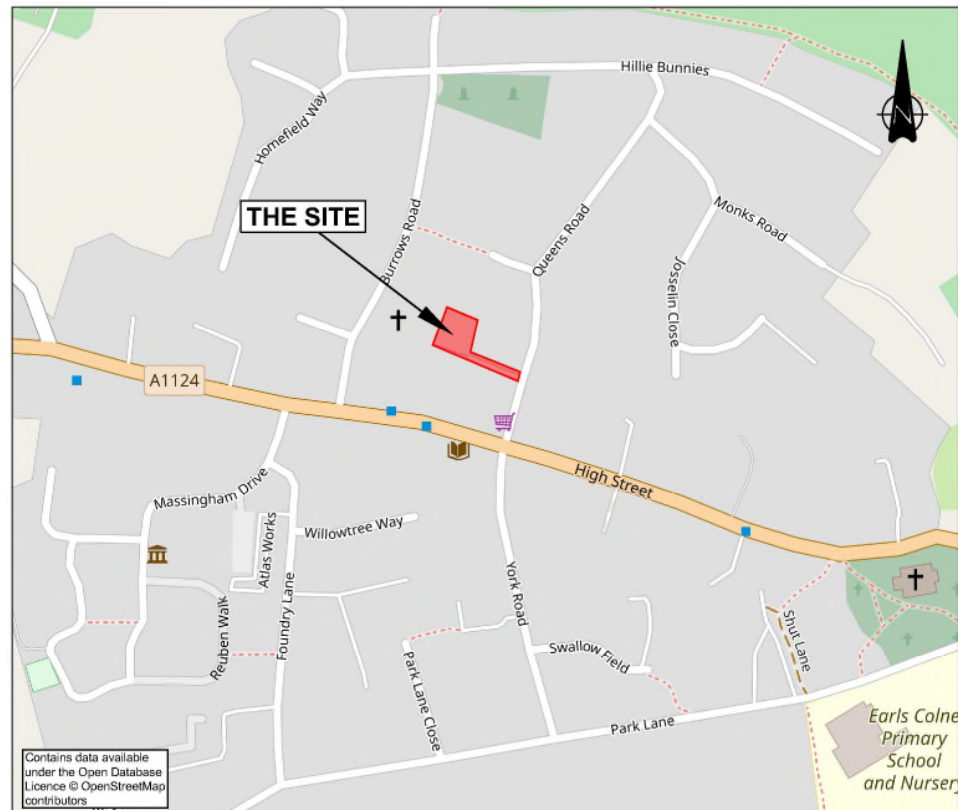


Figure 1: Site Location Plan – off Queens Road north of Earls Colne High Street

1.4 The car park has no charges or time restrictions.

1.5 This report summarises the results.

2. SURVEYS

2.1 The survey was undertaken using an Automatic Number Plate Recognition Survey (ANPR) covering a 24 hour period from midnight on Wednesday 4th March 2020 through to midnight on Thursday 5th March 2020.

2.2 The ANPR method uses cameras that record vehicle number plates and therefore provide the numbers of vehicles entering and exiting the car park throughout the survey period enabling the recording of vehicle occupancy in the car park and the duration of stay of vehicles.

3. RESULTS

3.1 A summary table is included at **Appendix 1** covering vehicle movements and car park occupancy.

Vehicle Movements

3.2 Throughout the 24 hour period 202 cars entered the car park and 199 left, a total of 401 vehicle movements.

3.3 The busiest hour was 1100 -1200 with 24 vehicles entering and 30 leaving the car park, a total of 54 vehicle movements.

Car Park Occupancy

3.4 The car park has a capacity of 44 spaces. The maximum occupancy was 38 cars in the period 1000-1100 which is 86% occupancy. The minimum occupancy was 14 through the early hours of the morning which is 32%.

3.5 There is some overnight parking with 15 vehicles parked at midnight on Wednesday 4th March and 18 vehicles parked at midnight on Thursday 5th March, which is 34%.

Duration of Stay

3.6 The following table summarises the duration of stay of the vehicles recorded:

	Minutes			Hours						
Time	0-15	15-30	30-60	1-2	2-3	3-4	4-6	6-10	10-24	24+
Vehicles	87	26	14	26	9	7	11	8	2	3

3.7 Fifteen vehicles were already in the car park at the start of the survey, 3 of which were parked there all day and are included in the last column. The other 12 vehicles left the car park during the day but their full length of stay was not recorded because they were in the car park before the survey commenced and so are not included in that table. Most of them left the car park between 0600 and 0900.

3.8 Eighteen vehicles were parked at the end of the survey of which the 3 that had been parked all day are in the last column. The other 15 vehicles are not included in the table as their duration of stay is unknown.

- 3.9 This suggests that some vehicles are using the car park as home parking.
- 3.10 The first column includes the number of vehicles that stay in the car park for up to 15 minutes. It should be noted that 10 of these vehicles entered and left the car park within 2 minutes suggesting that they were 'drop-offs' or 'pick-ups'.
- 3.11 It is considered that these results represent a typical weekday use of the car park and show that about 70% of all the vehicles park for under 2 hours.

APPENDIX 1

PARKING SURVEY SUMMARY

EARLS COLNE PUBLIC CAR PARK

PARKING SURVEY

Thursday 5th March 2020

Time	Vehicles In	Vehicles Out	Two Way	Occupancy Total of 44 spaces
At 0.00				15
0000-0100	0	0	0	15
0100-0200	1	0	1	16
0200-0300	0	1	1	15
0300-0400	1	2	3	14
0400-0500	0	0	0	14
0500-0600	0	0	0	14
0600-0700	1	1	2	14
0700-0800	8	6	14	16
0800-0900	27	13	41	30
0900-1000	15	11	26	34
1000-1100	16	12	28	38
1100-1200	24	30	54	32
1200-1300	16	13	29	35
1300-1400	15	21	36	29
1400-1500	10	14	24	25
1500-1600	15	10	25	30
1600-1700	13	13	26	30
1700-1800	8	10	18	28
1800-1900	8	14	22	22
1900-2000	16	15	31	23
2000-2100	4	3	7	24
2100-2200	3	5	8	22
2200-2300	1	5	6	18
2300-2400	0	0	0	18
At 2400				18
Total	202	199	401	