Our Reference: 536.0074/JR/111023

11th October 2023

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Lauren Bishop
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Dear Lauren

P/FUL/2023/05051 - Land East of Lidl, Christys Lane, Shaftesbury

I write to provide the additional information requested in the highway authority's consultation response to the above application. Two specific matters have been raised, relating to the frequency of use of the proposed servicing layby, and pedestrian trip generation.

In relation to servicing, the TRICS data has been further interrogated. This suggests that approximately 13 LGV trips, or 6-7 LGVs per day would be anticipated, and referring to the TRICS definitions these include "car type delivery vans and standard transit type vans". As per the submitted swept path analysis panel vans can turn within the site, however box vans would need to use the proposed layby. It is likely that there would be a mix of both vehicle types and assuming an even split, there would be c. 3 vehicles using the layby per day. Given these are likely to be relatively short visits, and the low number of general vehicle departures from the site (31 over 12 hours, average 2.6 per hour), it is considered that the temporary parking of a delivery vehicle in the layby would not represent a significant obstruction to visibility in practical terms. The applicant suggests that the details of the surfacing for the layby be secured by condition.

On pedestrian trip generation, a multi-modal TRICS assessment has been undertaken, using similar parameters as the original assessment. The TRICS outputs are enclosed, and the proposed 41 units are estimated to generate 45 daily pedestrian trips. The pedestrian infrastructure is considered suitable to accommodate this additional demand.

On this basis I trust that there are no further outstanding issues preventing a positive recommendation from the highway authority, however, please let me know if any additional clarifications are required.

Yours sincerely

[redacted]

James Rand
Associate
Paul Basham Associates
[redacted]

Enclosed – TRICS Pedestrian trip rate outputs

Calculation Reference: AUDIT-247601-231011-1050

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
Category : N - RETIREMENT FLATS
MULTI-MODAL PEDESTRIANS

Selected regions and areas:

02	SOUTH EAST		
	WS	WEST SUSSEX	1 days
05	EAST MIDLANDS		
	DY	DERBY	1 days
06	WEST MIDLANDS		
	WK	WARWICKSHIRE	1 days
10	WALES		
	BG	BRIDGEND	1 days
11	SCOTLAND		
	EB	CITY OF EDINBURGH	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: No of Dwellings
Actual Range: 33 to 57 (units:)
Range Selected by User: 17 to 57 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/15 to 21/11/22

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	1 days
Tuesday	1 days
Wednesday	1 days
Thursday	1 days
Friday	1 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	5 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaking using machines.

Selected Locations:

Edge of Town Centre	5

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Residential Zone	4
Built-Up Zone	1

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	6 days - Selected
Servicing vehicles Excluded	1 days - Selected

Secondary Filtering selection:

Use Class:

C3	5 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:
All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,001 to 5,000	1 days
25,001 to 50,000	2 days
50,001 to 100,000	2 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

25,001 to 50,000	1 days
75,001 to 100,000	1 days
100,001 to 125,000	1 days
250,001 to 500,000	2 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	3 days
1.1 to 1.5	2 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

Yes	1 days
No	4 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	5 days

This data displays the number of selected surveys with PTAL Ratings.

Covid-19 Restrictions	Yes	At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions

TRIP RATE for Land Use 03 - RESIDENTIAL/N - RETIREMENT FLATS
MULTI-MODAL PEDESTRIANS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	5	39	0.010	5	39	0.036	5	39	0.046
08:00 - 09:00	5	39	0.041	5	39	0.046	5	39	0.087
09:00 - 10:00	5	39	0.046	5	39	0.041	5	39	0.087
10:00 - 11:00	5	39	0.020	5	39	0.076	5	39	0.096
11:00 - 12:00	5	39	0.076	5	39	0.056	5	39	0.132
12:00 - 13:00	5	39	0.071	5	39	0.056	5	39	0.127
13:00 - 14:00	5	39	0.025	5	39	0.030	5	39	0.055
14:00 - 15:00	5	39	0.041	5	39	0.081	5	39	0.122
15:00 - 16:00	5	39	0.076	5	39	0.061	5	39	0.137
16:00 - 17:00	5	39	0.066	5	39	0.025	5	39	0.091
17:00 - 18:00	5	39	0.041	5	39	0.020	5	39	0.061
18:00 - 19:00	5	39	0.025	5	39	0.020	5	39	0.045
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.538			0.548			1.086

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*