

Ellerslie Parking Study Analysis

Overview:

Parking Design from Auckland Transport (AT) has conducted a parking survey to understand the parking behaviour in the residential streets in Ellerslie close to the town centre. The request came through the Orakei Local Board and Ellerslie Residents Association.

The aim of the study was to analyse the parking situation and to determine if any intervention is required or not in the area.

Survey methodology:

- Number plate based survey at an interval of two hours.
- Conducted between the hours of 8am to 5pm
- Midnight survey was carried out as well
- Please refer to Appendix 1 and 2 for the study map of the area and other details

Findings:

- Weekday average peak occupancy was around 85%
- Midnight average occupancy was around 31%
- The average length of stay was around 7.5 hours during the day
- Street wise average peak occupancy for **unrestricted parking spaces** is as below:

Area	Street	Ave Peak Occupancy	Ave Length of Stay between 8am -5pm
1	Cawley St (entire st)	97%	7 hr 30 min
2	Findlay St (Ramsgate to Cawley)	98%	8 hr 30 min
3	Hewson St (entire st)	96%	8 hr 15min
4	Ramsgate St (Findlay to Hewson)	100%	8 hr
5	Main Highway (Ramsgate to Cawley)	100%	8 hr 30 min
6	Ladies Mile (up to Morrin St)	91%	7 hr 35min
7	Arthur St (entire st)	80%	7 hr 30 min
8	Amy Street (main highway to Balin St)	73%	7 hr
9	Amy Street (Balin St to Elwood Pl)	36%	4 hr
10	Robert St	98%	7 hr 45min
11	Pukerangi Crescent	16%	4 hr

Summary:

- 88% of the parked vehicles were from outside the study area while the remaining 12% belongs to the residents and businesses within the area.
- Area 1, 2, 3, 4, 5 and 10 is almost at full capacity with no parking turnover for almost seven and a half hours
- The survey also captured the existing P120 and P60 time restricted parking within the study area in Arthur Street, Ladies Mile and Ramsgate Street. All of these restricted areas

displayed consistent parking turnover and the average length of stay was within the time allowed.

Recommendation:

AT Parking Strategy parking intervention trigger point recommend review of parking management regime if the average occupancy for on-street parking regularly exceeds 85% during the four busiest hours in a day.

According to the parking survey, the average peak occupancy on most of the streets within the study area is well over 85% on regular basis and majority of the parked vehicles are staying for longer time period. Therefore, based on the findings and adhering to the parking policy, AT recommend new P120 parking time restrictions on sections of streets is introduced within the study area.

AT feels that the introduction of time restricted parking to sections of a street will increase parking turnover and availability. This will further discourage commuter parking in the area and create more opportunity for the residents and their visitors to find a park.

Proposed time restrictions will apply universally to anyone using these spaces. No residential parking permits can be considered with at this stage as the area is not appropriate for a Residential parking scheme. Majority of the properties in the area have an off-street parking. Residents will have an opportunity to park on the unrestricted side of the street on the first come first serve basis.

Therefore, after taking all the above factors into consideration, AT would like to recommend the following changes to mitigate high parking demand in the area;

- Install new P120 parking time restriction on one side of the street in area 1, 2, 3, 4 and 8
- Install new P120 parking time restriction on both side of the street in area 5
- Extend the existing P120 parking restriction on one side in area 6 and 7.
- Install a new P120 parking time restriction on one side of Robert Street between Main Highway and Tecoma Street

What's Next?

AT will proceed to the next stage once the above recommendations are agreed unanimously by the Local Board, Ellerslie Residents Association and the Ellerslie Business Association.

Once agreed, the project will be incorporated in Parking Design's Work Programme for delivery in 2017-2018 financial year.

Appendix 1 - Survey Methodology

Ellerslie Parking Survey

- Please conduct number plate based survey
- 4 observations in a day between 8am and 5pm with an interval of 2 hours
- Carry it out on Tuesday (2 August 2016 or 9 August 2016) and Thursday (4 August 2016 or 10/11 August 2016). **Would like one of the surveys to be carried out on a fine clear day**
- See the attached map for area of survey

Study needs to record the observation in sections as indicated below and please capture the existing parking restrictions as well in the study area. Both sides of the streets need to be surveyed.

Street name	From	To	Comments
Cawley Street	Main Highway	Findlay St	
Cawley Street	Findlay St	End	
Hewson Street			Entire street
Findlay Street	Ramsgate St	Cawley St	
Ramsgate Street	Main Highway	Findlay St	Existing time restriction in place
Ramsgate Street	Findlay St	Hewson St	
Main Highway	Ramsgate St	Cawley St	
Amy Street	Main Highway	Pukerangi Crescent	
Amy Street	Pukerangi Crescent	Elwood Place	
Arthur Street	Main Highway	Approx. 12 & 11 Arthur St	Until end of P120 restriction
Arthur Street	14 & 11 Arthur St	Pukerangi Crescent	
Ladies Mile	186 & 173 Ladies Mile	Morrin St	Survey the area from where the existing P30 Zone ends heading towards Morrin St
Pukerangi Crescent			Entire Street
Robert Street	10 Robert St	Morrin St	

Appendix 2 – Map of the Study area

