

14 March, 2018

**MEMORANDUM: ANGELA MOORE – MANAGER TRAFFIC ENGINEERING
MATTHEW TYRELL – MANAGER PARKING OPERATIONS**

NORTH HOBART PARKING REVIEW RESULTS OF PARKING OCCUPANCY SURVEYS

City of Hobart is undertaking a review into the parking needs and availability in North Hobart. To inform the review, parking occupancy surveys were undertaken in North Hobart.

It was determined that convenient walking distance from parking to businesses in North Hobart is within the area shown in Figure 1. This was established as the study area for the parking review.

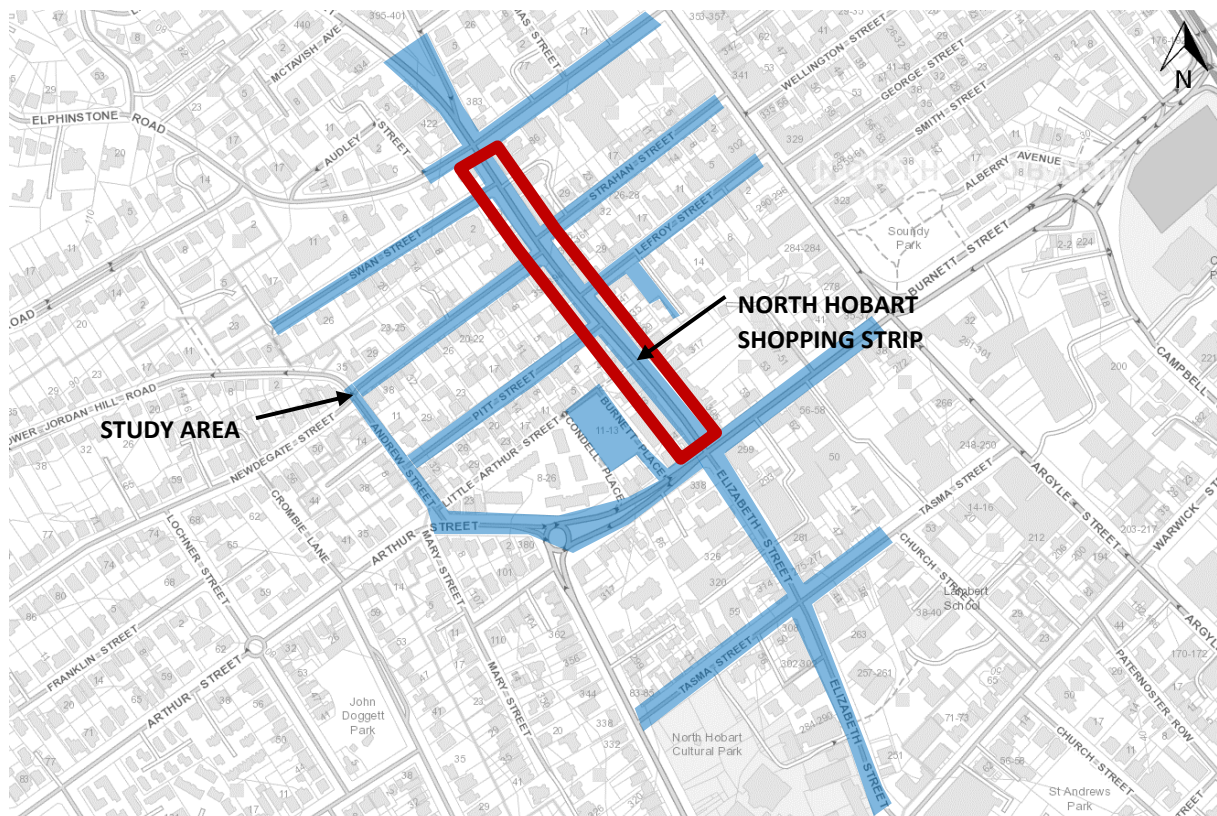


FIGURE 1: STUDY AREA

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Parking occupancy surveys in the study area were taken at hourly intervals between 8.00am and 10.00pm on Friday 18 August and Saturday 19 August 2017. These dates were chosen to represent a typical busiest weekday and weekend day. The surveys recorded the parking occupancy and the duration of stay of each vehicle.

The following trends were noticed on both days:

- There is a similar number of occupied parking spaces on Friday and Saturday
- The busiest times of day are the same on Friday and Saturday
- The car parking occupancy gradually increases throughout the morning reaching a lunchtime peak at 12.00pm
- The parking occupancy decreases in the mid-afternoon
- The parking occupancy begins to increase at 5.00pm with a dinnertime peak in occupancy occurring between 6.00pm and 8.00pm.

Figure 2 shows the percentage of total spaces filled in the study area at each time of day.

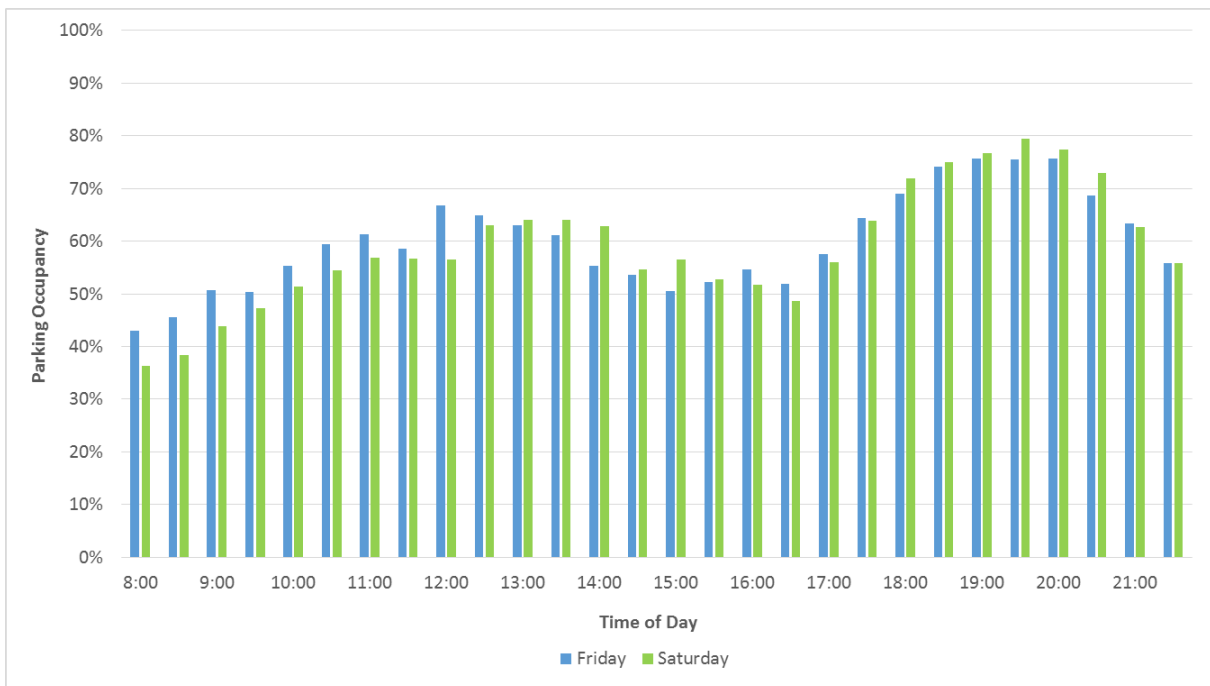


FIGURE 2: CAR PARKING OCCUPANCY BY TIME OF DAY

It is clear from Figure 2 that there is a daytime peak and an evening peak on both Friday and Saturday.

The findings from the daytime peak parking occupancy analysis are:

- The parking occupancy is highest on the Elizabeth Street North Hobart Shopping Strip and on the streets adjacent
- The parking occupancy is highest on streets with unrestricted parking zones

- The Condell Place and Lefroy Street car parks have capacity during the day due to the paid voucher system operating before 6:00pm
- There are few streets with low parking occupancy (0-50% of spaces filled)
- Moderate parking occupancy (50-80% of spaces filled) was recorded generally on streets located away from the North Hobart Shopping Strip, streets with time-restricted parking and the Condell Place and Lefroy Street car parks
- High parking demand (80%+ of spaces filled) was recorded around the North Hobart Shopping Strip, particularly on:
 - Elizabeth Street;
 - Swan Street;
 - Strahan Street;
 - Newdegate Street; and
 - Pitt Street.

A map is attached showing the daytime peak parking occupancy in more detail.

The findings from the evening peak parking occupancy analysis are:

- There is a higher parking occupancy in the evening peak than during the day
- There are very few streets with low or moderate parking demand
- There is very little capacity on the streets surrounding the North Hobart Shopping Strip, the Condell Place and Lefroy Street car parks and Tasma Street.

A map is attached showing the evening peak parking occupancy in more detail.

The duration of stay data also highlighted vehicles staying over the time limit in time restricted parking spaces. The data indicated the following:

- During the daytime vehicles overstayed the time limit on streets with lower parking occupancy
- Up to 33% of all time-restricted spaces had vehicles overstaying the time limit during the day on Friday
- There was a lower volume (up to 14%) of vehicles overstaying the time limit on a Saturday due to less parking restrictions.

Figure 3 and Figure 4 shows the number of time-restricted spaces available on Friday and Saturday and the number of these spaces that include vehicles that have overstayed the time limit.

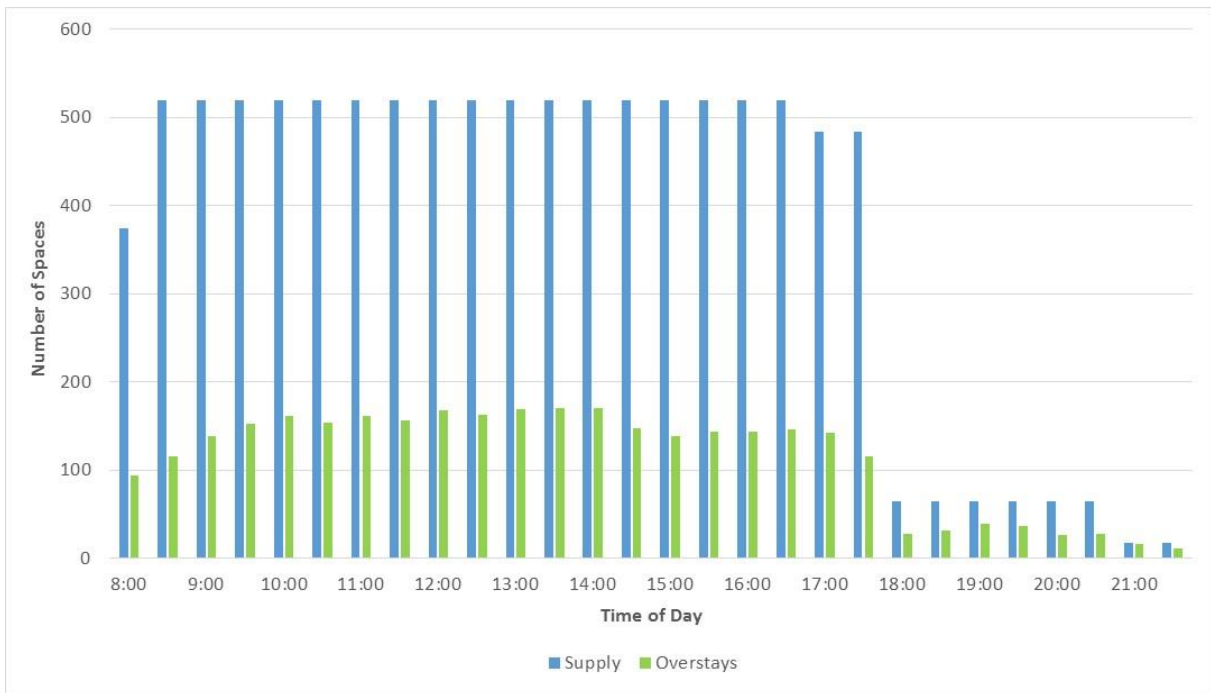


FIGURE 3: OVERSTAYING VEHICLES - FRIDAY

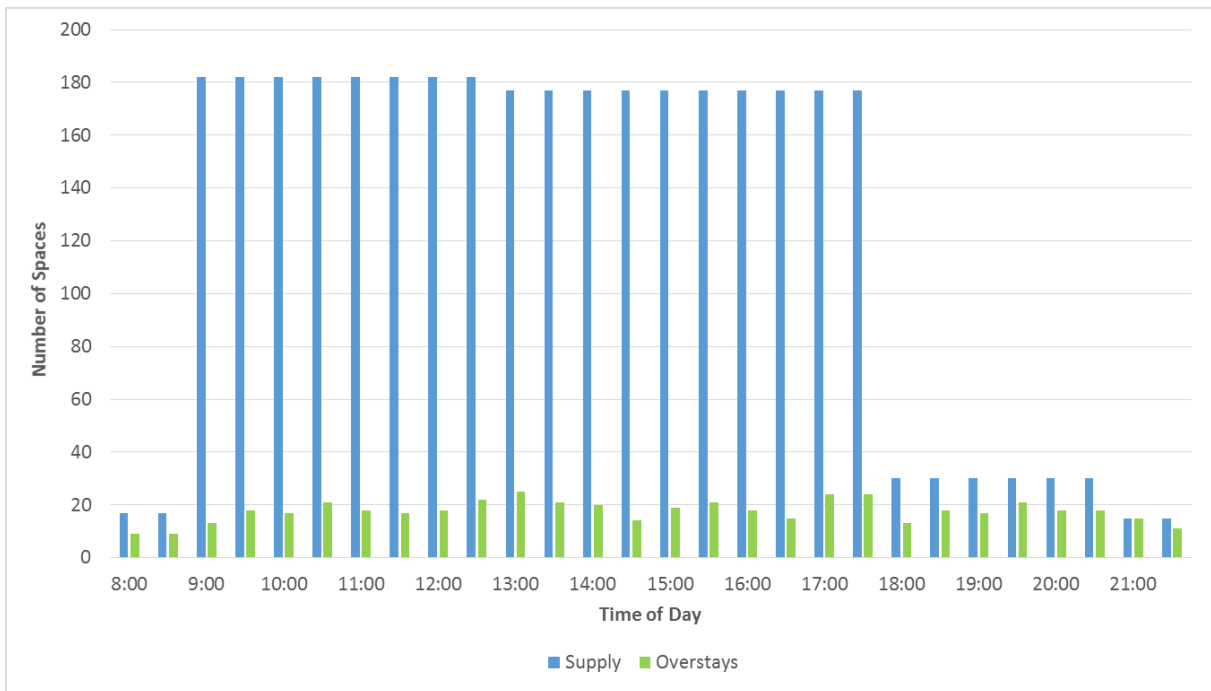


FIGURE 4: OVERSTAYING VEHICLES - SATURDAY

(Rebekah Giana)
TRAFFIC ENGINEER