

### **5.3. Thrupp Street, Neutral Bay – between Aubin Street and Kurraba Road**

**AUTHOR:** Bec Thomas, Road Safety Co-ordinator

**ENDORSED BY:** Duncan Mitchell, Director Engineering and Property Services

**ATTACHMENTS:** Nil

#### **PURPOSE:**

To monitor the traffic flow in Thrupp Street between Aubin Street and Kurraba Road. >>

#### **EXECUTIVE SUMMARY:**

Council at its meeting on 25 October 2021 resolved to adopt the following Traffic Committee recommendation:

- 1. THAT Council continue to monitor the traffic flow in Thrupp Street between Aubin Street and Kurraba Road and that the matter be brought back to the February Traffic Committee meeting.*

A further traffic count has been undertaken in Thrupp Street to ascertain and compare the traffic conditions since previous investigation.

The finding indicates that there are no significant changes in either traffic volume and speed when compared to the previous traffic counts done in February, May and June 2021. Therefore, the traffic flow condition in Thrupp Street between Aubin Street and Kurraba Road is considered acceptable and satisfactory.

#### **FINANCIAL IMPLICATIONS:**

Nil.

#### **RECOMMENDATION:**

- 1. THAT** information regarding traffic flow in Thrupp Street between Aubin Street and Kurraba Road be received.

#### **LINK TO COMMUNITY STRATEGIC PLAN**

The relationship with the Community Strategic Plan is as follows:

2. Our Built Infrastructure
  - 2.1 Infrastructure and assets meet community needs
  - 2.4 Improved traffic and parking management

## BACKGROUND

The matter concerning residents' requests to convert Thrupp Street between Aubin Street and Kurraba Road to one-way and installation of time limited parking in Thrupp Street was considered at the Traffic Committee meeting on 25 October 2021.

After consideration, the committee made the following recommendation:

- 1. THAT Council continue to monitor the traffic flow in Thrupp Street between Aubin Street and Kurraba Road and that the matter be brought back to the February Traffic Committee meeting.*

Council at its meeting on 25 October 2021 resolved to adopt the above Traffic Committee recommendation.

At the Traffic Committee meeting, results of traffic counts undertaken in separate periods from 19-25 February 2021, 21-27 May 2021 and 2-8 June 2021 were presented. The recorded average daily traffic volume in Thrupp Street were around 200 vehicles in each direction. The recorded truck volume ranged from 1-5%. The 85<sup>th</sup> percentile speed was recorded at 35-36km/h.

The traffic conditions in Thrupp Street were not considered problematic. Therefore, it was difficult to justify for the need to convert the street to one-way. Regarding the installation of parking restriction, it has been put on hold due to the matter being deferred.

Accordingly, an additional traffic count has been undertaken in Thrupp Street for a 7-day period from 23 March to 30 March 2022 to monitor the traffic flow condition in Thrupp Street.

## CONSULTATION REQUIREMENTS

Community engagement will be undertaken in accordance with Council's Community Engagement Protocol.

**Relates to ECM No:** 8275244, 8386980

**Standard or Guideline Used:** AS1742.13, AS2890.5

**Signs & Lines Priority:** N/A

**Precinct and Ward:** Hayes, Victoria

**Impact on Bicycles:** Nil

**Impact on Pedestrians:** Nil

**Impact on Parking:** Nil

## DETAIL

The results of latest traffic count undertaken in Thrupp Street between Aubin Street and Kurraba Road are summarised in table below:

**23 March - 30 March 2022**

Speed limit 50km/h	50 <sup>th</sup> percentile speed	85 <sup>th</sup> percentile speed	5-day avg. daily traffic volume	7-day avg. daily traffic volume
South	31	38	256	246
North	28	37	236	223
<b>Combined</b>	<b>30</b>	<b>38</b>	<b>491</b>	<b>469</b>

The results of the previous traffic count undertaken in Thrupp Street between Aubin Street and Kurraba Road are summarised in table below:

**19 February – 25 February 2021**

Speed limit 50km/h	50 <sup>th</sup> percentile speed	85 <sup>th</sup> percentile speed	5-day avg. daily traffic volume	7-day avg. daily traffic volume
South	31	38	231	231
North	27	36	263	263
<b>Combined</b>	<b>29</b>	<b>37</b>	<b>494</b>	<b>494</b>

**21 May – 27 May 2021**

Speed limit 50km/h	50 <sup>th</sup> percentile speed	85 <sup>th</sup> percentile speed	5-day avg. daily traffic volume	7-day avg. daily traffic volume
South	29	38	233	232
North	27	36	260	251
<b>Combined</b>	<b>28</b>	<b>37</b>	<b>493</b>	<b>483</b>

**2 June – 8 June 2021**

Speed limit 50km/h	50 <sup>th</sup> percentile speed	85 <sup>th</sup> percentile speed	5-day avg. daily traffic volume	7-day avg. daily traffic volume
South	30	38	263	250
North	28	37	283	271
<b>Combined</b>	<b>29</b>	<b>37</b>	<b>547</b>	<b>521</b>

The above results indicate that the 50<sup>th</sup> and 85<sup>th</sup> percentile speed and the average daily traffic volume for 5 days and 7 days from the most recent traffic count dated from 23 March 2022 to 30 March 2022 are similar to the previous counts undertaken in February, May and June 2021. Therefore, the traffic flow condition in Thrupp Street between Aubin Street and Kurraba Road is considered acceptable and satisfactory.