

**ITEM 54. TRAFFIC TREATMENT – SHARED ZONE – NEWTON STREET
ALEXANDRIA**

TRIM RECORD NO: 2016/519656

RECOMMENDATION

It is recommended that the Committee support the installation of a Shared Zone in Newton Street, Alexandria, between Copeland Street and a point 13 metres north of Copeland Lane.

It is recommended that the Committee endorse the following:

- (A) New kerb extensions on Newton Street, Alexandria at the intersection with Copeland Street; and
- (B) Signposting of bicycle exemptions on the one-way control in Newton Street between Copeland Street and a point 13 metres north of Copeland Lane.

VOTING MEMBERS FOR THIS ITEM

<i>Voting Members</i>	<i>Support</i>	<i>Object</i>
City of Sydney		
Roads and Maritime Services		
NSW Police – Redfern LAC		
Representative for the Member for Heffron		

DECISION

BACKGROUND

The City received a request from residents in Alexandria to consider making Newton Street, between Copeland Lane and Copeland Street, a Shared Zone to facilitate safe pedestrian movements.

COMMENTS

Shared Zone

Under existing conditions, the footpath width in Newton Street is restricted, which forces most pedestrians to walk on the road. Therefore it is recommended that a Shared Zone be considered in Newton Street, between Copeland Lane and Copeland Street, to improve pedestrian safety and accessibility and lower vehicle speeds.

A Shared Zone is a road, network of roads or a road-related area with a posted speed limit of 10km/h and where pedestrian access and safety takes precedence over the ease of vehicle movement.

Approval to install a Shared Zone however is not delegated to Councils. Shared Zones are speed limits and approval to install them must be obtained from Roads and Maritime Services (RMS) directly.

On 21 September 2016, in compliance with RMS Technical Direction for the Design and Implementation of Shared Zones (TTD 2014/003), the City sought RMS approval to install a Shared Zone in Newton Street, Alexandria, between Copeland Street and a point 13 metres north of Copeland Lane. On 5 October 2016, RMS granted the approval.

The proposed Shared Zone will create a pedestrian-friendly environment that allows pedestrians to walk safely and legally within the road carriageway. The appearance of the Shared Zone will be considerably different to nearby local streets to clearly communicate to road users that there is a change in the street environment and that pedestrians have priority.

There is currently no on-street parking on this section of Newton Street. Therefore the proposed Shared Zone will not effect on-street parking provision.

Footway Widening

The proposal also includes footway widening in Newton Street, just north of the intersection with Copeland Street, which would reduce the distance a pedestrian needs to cross, improve safety and visibility between pedestrians and drivers and reduce vehicle speeds through the intersection.

Contra-flow Bicycle Facility

Traffic counts commissioned for seven days from 7 May 2014 to 14 May 2014 in Newton Street, Alexandria recorded an Annual Average Daily Traffic (AADT) volume of 299 vehicles and per day and an 85th percentile speed of 22 km/h.

The RMS Technical Direction for Contra-Flow Bicycle Facilities (TTD 2014/002) allows for the delineation of contra-flow bicycle lanes in one-way streets by signage only if the following conditions apply:

- sight distance is free of obstructions;
- traffic volumes and vehicles speeds are low; and
- road geometry does not present an unacceptable risk.

Given that:

- a site visit undertaken by the City still confirmed that the sight distance in Newton Street is clear and free of obstruction in both directions;
- traffic counts confirmed that the AADT volume for Newton Street is below the limit for local streets (2,000 vpd) stipulated in the RMS Road Design Guide;
- speed counts confirmed the 85th percentile speed in Newton Street, is below the posted speed limit of 50 km/h – furthermore, the proposed Shared Zone would limit the posted speed limit to only 10km/h; and
- the proposal has been reviewed as part of a Road Safety Audit (RSA) to manage any associated safety risks, the proposal is compliant with the RMS Technical Direction.

The proposal is compliant with the RMS Technical Direction.

CONSULTATION

The City consulted local residents and businesses in the area. There were 429 letters sent out with 17 responses supporting the proposal and one response opposing the proposal.

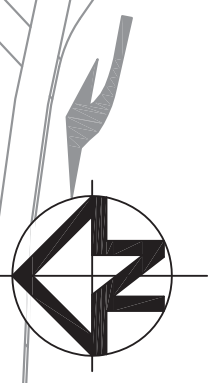
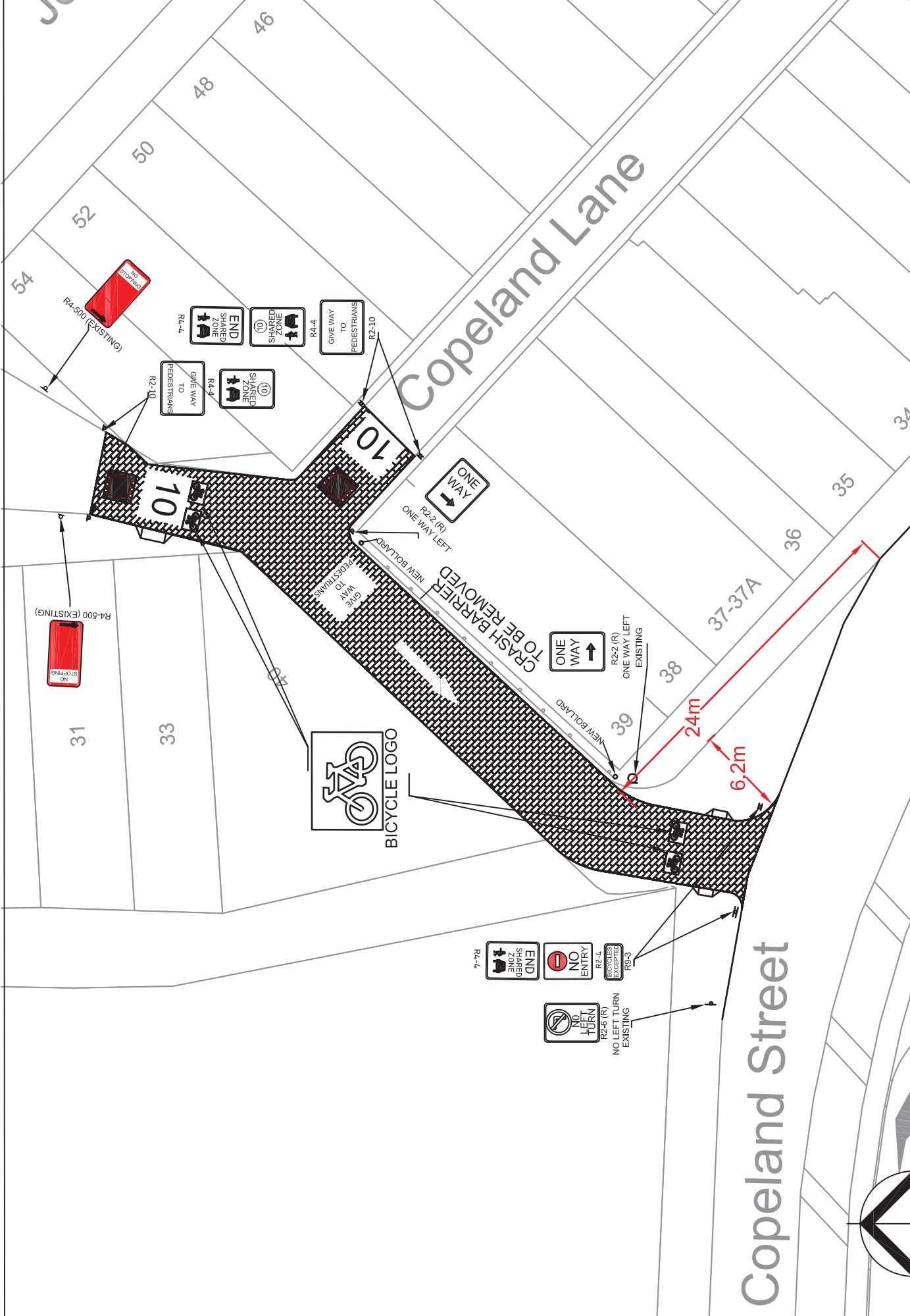
FINANCIAL

Appropriate funding for the proposal will be secured once greater certainty on the construction timeline is reached.

ATTACHMENTS

Traffic Treatment – Shared Zone – Newton Street Alexandria

Eoin Cunningham, Senior Traffic Engineer



SCALE: NTS
 DATE: 12/2016
 SharedZone_Newton_Street_Rev6

PROPOSED SHARED ZONE
 NEWTON STREET
 ALEXANDRIA

