

**ITEM 55. TRAFFIC TREATMENT – SHARED ZONE – BARKER STREET
ZETLAND**

TRIM RECORD NO: 2017/568470

RECOMMENDATION

It is recommended that the Committee support the installation of a Shared Zone in Barker Street, Zetland, between Ebsworth Street and the Green Square Plaza.

It is recommended that the Committee endorse the following:

- (A) Restricting vehicular access in Barker Street, Zetland, between Ebsworth Street and the Green Square Plaza to one-way northbound movements only; and
- (B) Signposting of bicycle exemptions on the one-way control in Barker Street between Ebsworth Street and the Green Square Plaza.

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 Development Consent for Green Square Town Centre (GSTC), Zetland, (D/2012/1175/F) requires the Applicant to deliver essential infrastructure for the precinct. This includes the delivery of a Shared Zone from the southern end of Tweed Place (S), through Green Square Plaza and Barker Street (S) to Ebsworth Street.

Delivery of this infrastructure will address Consent Condition 11 (Shared Zone) for the GSTC.

COMMENTS

Shared Zone

A Shared Zone is proposed as part of the Green Square Library and Plaza (GSLP) project to operate through the Green Square Plaza from Tweed Place to Barker Street. This proposal seeks to extend the Shared Zone treatment north along Barker Street to the intersection with Ebsworth Street.

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.

However, approval to install a Shared Zone 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 26 July 2017, 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 Barker Street, Zetland, between Ebsworth Street and the Green Square Plaza. On 8 August 2017, RMS granted "in-principle" 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.

Contra-Flow Bicycle Treatment

In regards to the proposal for bicycle exemptions on the proposed one-way controls, 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:

- the design of the public space and tree layout will not restrict sight lines for cyclists or vehicles;
- with the installation of the proposed Shared Zone both traffic volumes and vehicle speeds will be low; and
- the proposal has been reviewed as part of a Stage 2 Road Safety Audit (RSA) and all issues addressed

the proposal is compliant with the RMS Technical Direction for Contra-Flow Bicycle Facilities and can be delineated by signage only.

One-Way Traffic Flow

Between Ebsworth Street and the Green Square Plaza, it is proposed to restrict vehicular access in Barker Street to one-way northbound movements only with an exemption for cyclists. The one-way restriction will be reinforced using a combination of signage and line-marking.

FINANCIAL

All costs associated with the proposal will be borne by the Applicant.

Traffic Treatment – Shared Zone – Barker Street, Zetland

Dean Arnold, Design Manager

