

**ITEM 40. TRAFFIC TREATMENT – CENTRAL MEDIAN ISLAND AND
PEDESTRIAN CROSSING AND TIMED PARKING – GADIGAL
AVENUE WATERLOO**

TRIM RECORD NO: 2018/084025

RECOMMENDATION

It is recommended that the Committee endorse the following changes in Gadigal Avenue, Waterloo, between Archibald Avenue and Tung Hop Street:

- (A) Extension of the 6.9 metre wide central median island, between Archibald Avenue and Tung Hop Street;
- (B) Installation of a marked pedestrian crossing between the points 50.6 metres and 54.8 metres north of Archibald Avenue;
- (C) Western side, between the points 28.5 metres and 34.6 metres north of Archibald Avenue, marked as a yellow “No Stopping” line;
- (D) Western side, between the points 34.6 metres and 41.6 metres (one car space) north of Archibald Avenue, as “2P 8am-8pm”;
- (E) Western side, between the points 41.6 metres and 58.4 metres north of Archibald Avenue, marked as a yellow “No Stopping” line; and
- (F) Eastern side, between the points 28.5 metres and 59.3 metres north of Archibald Avenue, marked as a yellow “No Stopping” line.

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 PAC		
Representative for the Member for Heffron		

DECISION

BACKGROUND

The Lachlan Precinct, bounded by Bourke, Lachlan and South Dowling Streets and O’Dea Avenue, forms part of the Green Square urban renewal area, will include a new two-way road connecting O’Dea Avenue and Lachlan Street. The road, known as “Gadigal Avenue”, will be delivered in sections by the City and by developers of adjacent sites.

The delivery of the new road will address Development Consent Conditions that require the applicants to submit plans for kerbside parking and line marking arrangements that is to be referred to the Local Pedestrian, Cycling and Traffic Calming Committee, as part of the dedication of “Gadigal Avenue” as a public road.

COMMENTS

Once completed, Gadigal Avenue will be a two-way street, 12.8 metres wide with all parking spaces provided in indented bays. Gadigal Avenue will also have a landscaped central median island (6.9 metres wide) throughout the length of the street.

In July 2017, the Committee endorsed the construction of the section of Gadigal Avenue, between Murray Street and Tung Hop Street. This new road included a central median island (6.9 metres wide) and facilitated access to a new development at 13-17 Lachlan Street.

In September 2017, the Committee endorsed the construction of another section of Gadigal Avenue, between O'Dea Avenue to a point just north of Archibald Avenue. This new road facilitated access to a development at 52 O'Dea Avenue and also included a central median island (6.9 metres wide). A temporary turning area was provided to allow vehicles to turn around in this section of Gadigal Avenue and travel south back to O'Dea Avenue as there was no connection north through to Tong Hop Street or Lachlan Street.

This temporary turning area is now required to be removed as the road is being connected north to Tong Hop Street. This will allow the extension of the central median island to connect between the two sections of Gadigal Avenue, from Archibald Avenue to Tung Hop Street. At the completion of the works, the new road will be dedicated to the City.

Marked Pedestrian Crossing

The proposed new section of Gadigal Avenue, connecting Archibald Avenue with Tong Hop Street, includes a marked pedestrian crossing between 'Dyuralya Square' (a new park) and the residential developments in Tung Hop Street.

To meet the RMS warrants for a pedestrian crossing, the proposed location must record pedestrian and traffic flows of equal to or greater than, 30 pedestrians (P) and 500 vehicles (V) per hour for three one-hour periods in a day, and where $P \times V$ is also greater than or equal to 60,000.

Gadigal Avenue is a new street and as a result no traffic or pedestrian volumes can be recorded. However the proposed pedestrian crossing will form part of a recognisable pedestrian link through Green Square and the new residential developments. As such, the proposed pedestrian crossing is need to improve accessibility and safety for pedestrians.

Parking

The new section of Gadigal Avenue will also include an indented bay with one parking space.

Parking within the indented bay will be signposted with timed parking restrictions i.e. "2P 8am-8pm" which is in line with the City's Neighbourhood Parking Policy and will be the same as the existing restrictions in nearby completed streets. These restrictions will provide parking turnover and availability of short term parking for visitors to the area.

A two-hour parking limit is preferred for streets in the inner residential areas as it better balances the long-stay parking needs of all households to use parking for visitors, family, carers and tradespeople.

The kerb space outside of the indented parking bays will have yellow line marking to indicate a "No Stopping" restriction.

CONSULTATION

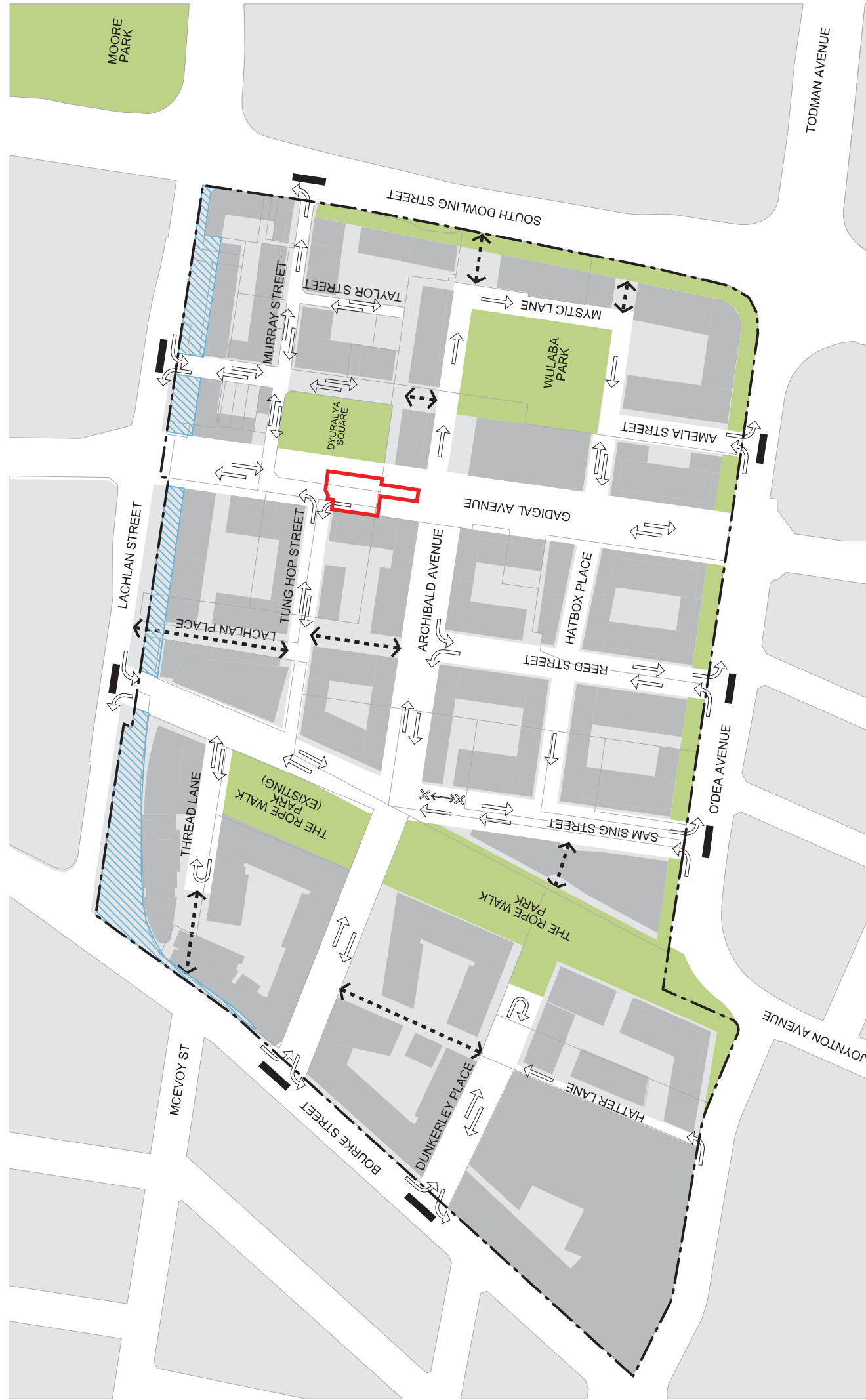
Consultation with the affected stakeholders was undertaken as a part of the Development Application process for 13-17 Lachlan Street and 52 O’Dea Avenue, Waterloo.

FINANCIAL

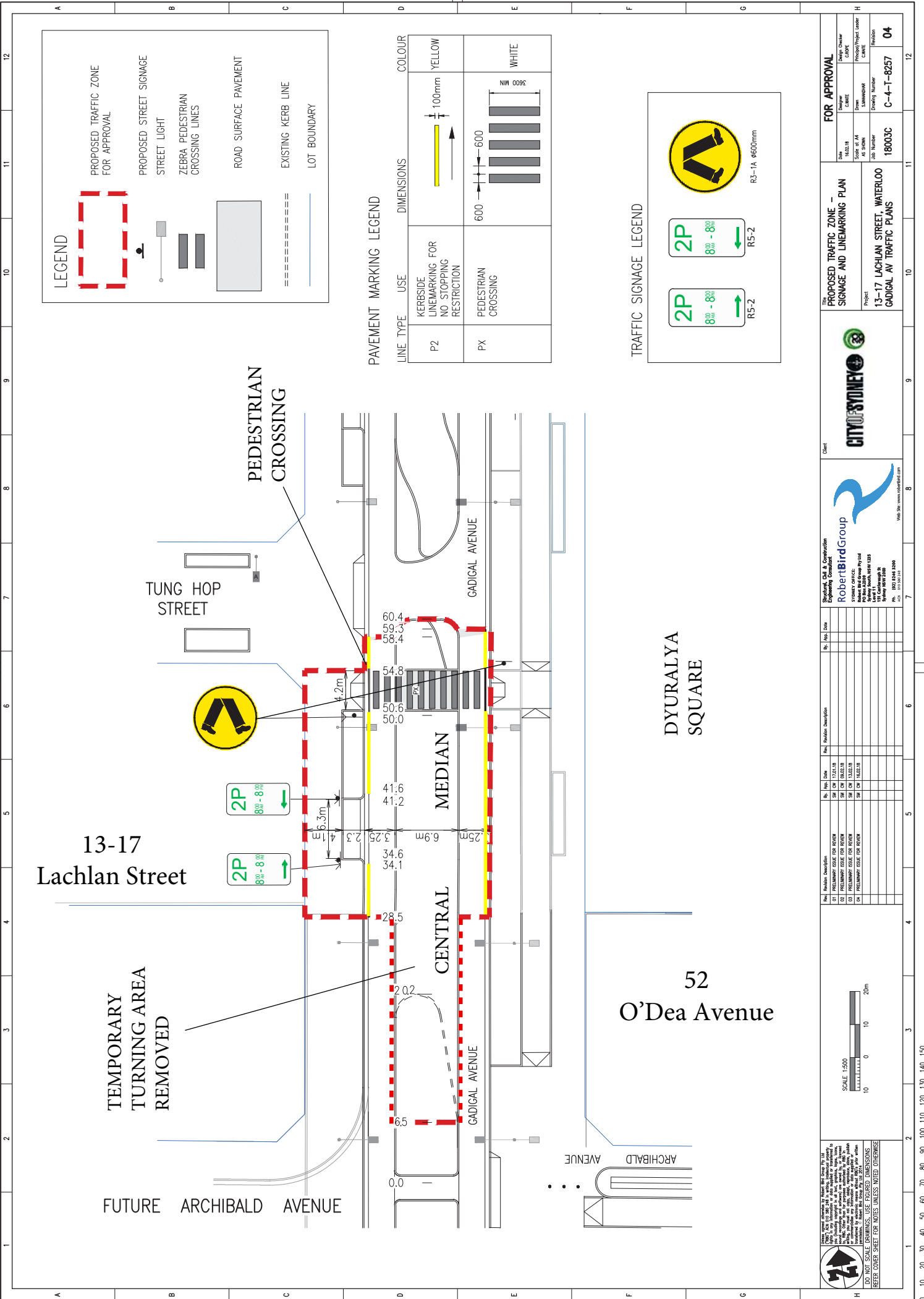
Funds are available in the current budget for the removal of the temporary turning circle as part of the City’s Gadigal North Works Budget. The remainder of the costs associated with the proposal will be borne by the appropriate Developers.

Traffic Treatment – Raised Median Island And Marked Pedestrian Crossing And Timed Parking – Gadigal Avenue Waterloo

John Vu, Senior Urban Designer



- KEY**
- LACHLAN PRECINCT BOUNDARY
 - LPCTCC ITEM XX SITE BOUNDARY
 - FUTURE ROAD WIDENING
 - EXISTING OR PLANNED OPEN SPACES
 - EXISTING OR PLANNED BUILDING FOOTPRINTS
 - VEHICULAR TRAFFIC (DIRECTION OF TRAVEL)
 - ↔ NO VEHICULAR ENTRY
 - ↔ PEDESTRIAN/ CYCLE ONLY LINK



FOR APPROVAL

Date	14.02.18	Drawn	AS SHOWN
Checked	AS SHOWN	Scale	AS SHOWN
Client	CITY OF STONEYMOUNT	Project	13-17 LACHLAN STREET, WATERLOO GADIGAL AV TRAFFIC PLANS
Job Number	18003C	Revision Number	C-4-T-8257
Revision		Revision	04

PROPOSED TRAFFIC ZONE - SIGNAGE AND LINEMARKING PLAN

Client: **CITY OF STONEYMOUNT**

Supervising Consultant: **Robert Bird Group**

Project: **13-17 LACHLAN STREET, WATERLOO GADIGAL AV TRAFFIC PLANS**

Job Number: **18003C**

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Revision: **04**



Robert Bird Group

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SCALE 1:500

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