

**ITEM 43. TRAFFIC TREATMENT – CYCLEWAY GIVE WAY MEDIAN ISLAND  
SHARED PATH AND SHARED ZONE – AMELIA STREET O'DEA  
AVENUE SOUTH DOWLING STREET AND WULABA PARK**

**TRIM RECORD NO: S092672**

**RECOMMENDATION**

It is recommended that the Committee endorse the installation of the following traffic treatments in Waterloo:

- (A) Off-road separated cycleways along the O'Dea Avenue and South Dowling Street frontage of 56-60 O'Dea Avenue;
- (B) Shared Path on the north-western corner of O'Dea Avenue and South Dowling Street;
- (C) 17.8 metre median island on O'Dea Avenue to restrict access into Amelia Street to left-in left-out only;
- (D) Give Way controls on Amelia Street at the intersection with O'Dea Avenue, and on Hatbox Place at the intersection with Amelia Street;
- (E) Shared Zone on streets surrounding Wulaba Park – Access Road, Archibald Avenue, Mystic Lane and Hatbox Place;
- (F) One-way northbound traffic flow on the Access Road between Amelia Street and Archibald Avenue;
- (G) One-way eastbound traffic flow on the Archibald Avenue between the Access Road and Mystic Lane;
- (H) One-way southbound traffic flow on the Mystic Lane between Archibald Avenue and Hatbox Place; and
- (I) One-way westbound traffic flow on the Hatbox Place between Mystic Lane and Amelia Street.

**DECISION**

**BACKGROUND**

The urban renewal of the Lachlan Precinct will see the construction of a new road network that encourages active and sustainable transport.

Consent Condition 44, 112, 140 and 142 of Development Application D/2012/2000 requires the Developer of 56-60 O'Dea Avenue, Waterloo, to submit traffic plans that are to be reviewed by the City before referral to the Committee for consideration.

**COMMENTS**

As part of their Public Domain works, the Developer is required to construct the following traffic treatments:

### ***Off-road Separated Cycleways***

The set-back of the development will allow for the construction of an off-road separated cycleway in the footpath along the O'Dea Avenue and South Dowling Street frontages of the development.

On O'Dea Avenue, the cycleway runs between a Bus Zone and the footpath. As such, a marked pedestrian crossing has been provided across the cycleway to provide priority for pedestrians crossing between the Bus Stop and footpath.

### ***Shared Path***

The new off-road separated cycleways will be linked by a Shared Path on the north-western footpath at the intersection of O'Dea Avenue and South Dowling Street.

The off-road separated cycleway and shared path would provide safe cycle facilities, connections to regional cycling routes and service local cycling destinations.

### ***Median Island***

The Developer is required to install a median on O'Dea Avenue to restrict access into Amelia Street to left-in left-out only.

Restricting Amelia Street to left-in left-out would reduce the number of conflicting turn movements at the new intersection and improve safety for future users.

### ***Give Way***

Give Way controls are proposed on Amelia Street at the intersection with O'Dea Avenue and on Hatbox Place at the intersection with Amelia Street.

The Give Way controls would slow traffic and improve safety at the intersections.

### ***Shared Zone***

A Shared Zone is proposed around the streets of Wulaba Park to create a pedestrian friendly environment that encourages active and sustainable transport.

In a Shared Zone, pedestrians have the right of way and drivers are legally required to give way to pedestrians. A Shared Zone includes a 10 km/h speed limit and parking is maintained within marked parking bays.

The road environment would be significantly changed from a normal road environment to identify it as a pedestrian area. The Shared Zone would also discourage drivers from short-cutting through the Lachlan Precinct.

The Roads and Maritime Services has reviewed and approved the Shared Zone design.

### ***One Way***

One Way traffic flow is proposed on the Access Road, Archibald Avenue, Mystic Lane and Hatbox Place.

A One Way traffic flow around Wulaba Park would provide safer conditions for pedestrians in the Shared Zone and discourage drivers from short-cutting through the Lachlan Precinct.

These proposals would help improve general safety in the Lachlan Precinct by reducing the speed of traffic travelling along the new streets. This measure is part of the City's commitment to calm traffic and improve residential amenity.

### **CONSULTATION**

Consultation is not required as the new traffic treatments do not affect the existing road network and are Conditions of Development Consent.

### **FINANCIAL**

All cost associated with the proposal will be borne by the Developer.

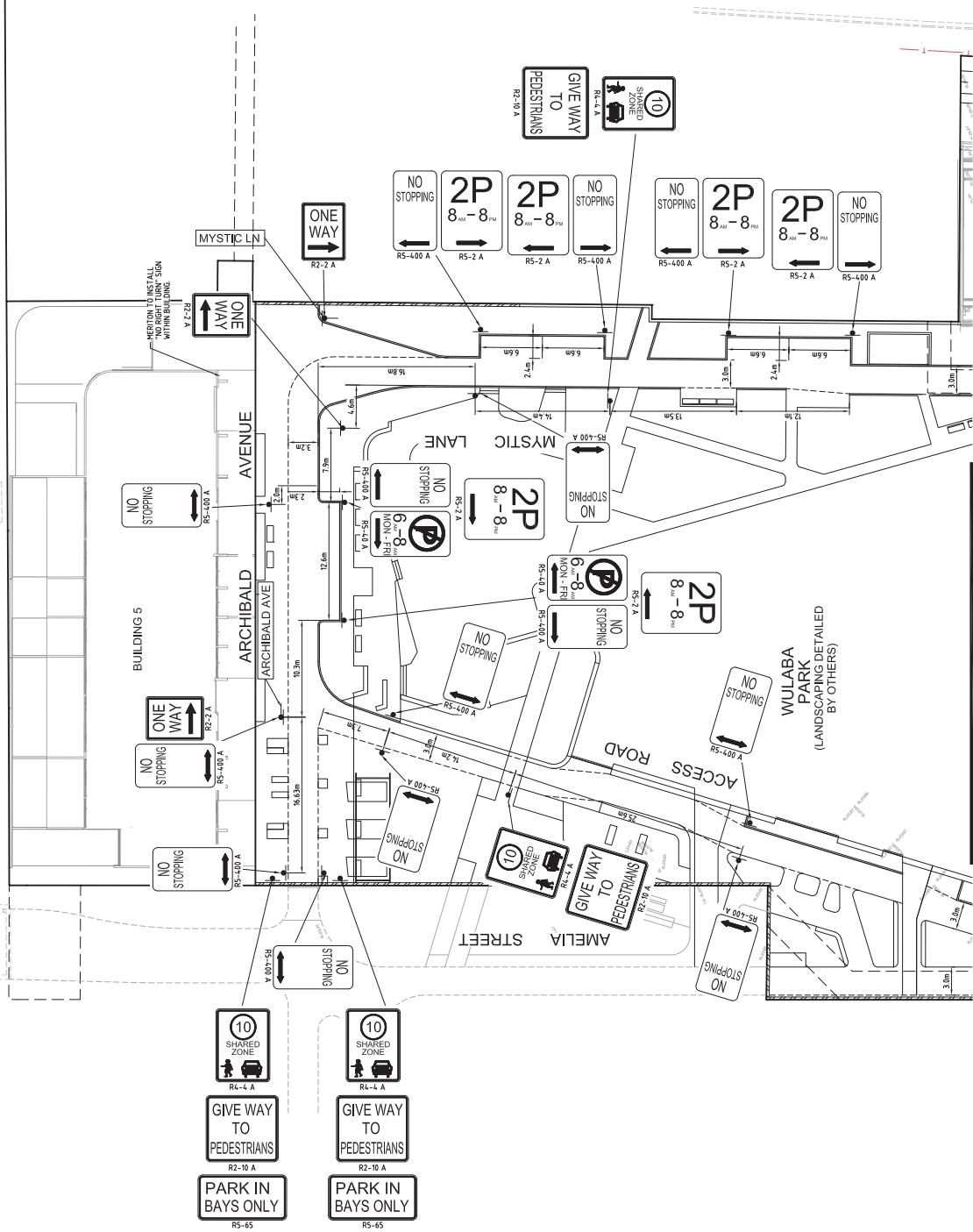
### **ATTACHMENTS**

Traffic Treatment – Cycleway Give Way Median Island Shared Path and Shared Zone – Amelia Street O'Dea Avenue South Dowling Street and Wulaba Park

Van Le, Traffic Engineering Officer



TAYLOR STREET



**PAVEMENT MARKING SCHEDULE**

**LONGITUDINAL LINES**

**LANE LINES**  
L1 ——— L1  
L2 ——— L2

**BARRIER LINES**  
BB ——— BB

**SEPARATION LINES**  
S4 - - - - S4  
S5 - - - - S5

**TRANSVERSE LINES**  
T8 ——— T8  
T9 ——— T9  
T10 ——— T10  
T11 ——— T11  
T12 ——— T12

**GIVEWAY LINE**  
G1 ——— G1

**PAVEMENT SYMBOLS**  
UA1 ——— UA1  
UA7 ——— UA7  
PA-1 ——— PA-1  
PS-3 ——— PS-3

GREEN PAINT TO RHS AND CITY OF SYDNEY COUNCIL STANDARDS.

**NOTES:**

1. ALL SIGNAGE TO BE IN ACCORDANCE WITH THE AUSTRALIAN STANDARD AS 1742.
2. ALL PAVEMENT MARKING TO BE IN ACCORDANCE WITH THE RIMS DELINEATION MANUAL.
3. ALL PARKING SPACE PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH AS 1742.
4. TRANSITION LINE MARKING TO SUIT EXISTING WHERE REQUIRED.
5. RELOCATE/REMOVE EXISTING SIGNS AS REQUIRED.
6. REMOVE ALL REDUNDANT PAVEMENT MARKING AS REQUIRED.
7. PROVIDE ADEQUATE APPROACH MARKING SIGNS DURING AND AFTER CONSTRUCTION.
8. PROVIDE RETRO-REFLECTORISED PAVEMENT MARKERS TO COUNCIL AND RIMS REQUIREMENTS.
9. ALL LINE MARKING TO BE WHITE IN COLOUR WITH THE EXCEPTION OF CYCLEWAY MARKING ON CONCRETE PAVEMENTS WHICH ARE TO BE YELLOW.
10. CYCLEWAY SIGNAGE AND LINE MARKING TO BE INSTALLED IN ACCORDANCE WITH AS 1742 PART A BICYCLE FACILITIES AND CITY OF SYDNEY STANDARD CYCLEWAY DETAILS ATTACHMENT C.

SOUTH DOWLING STREET

FOR CONTINUATION REFER C065

<p>9 RE-ISSUED FOR CONSTRUCTION CERTIFICATE</p> <p>8 RE-ISSUED FOR CONSTRUCTION CERTIFICATE</p> <p>7 RE-ISSUED FOR CONSTRUCTION CERTIFICATE</p> <p>6 RE-ISSUED FOR CONSTRUCTION CERTIFICATE</p> <p>5 RE-ISSUED FOR CONSTRUCTION CERTIFICATE</p> <p>4 RE-ISSUED FOR CONSTRUCTION CERTIFICATE</p> <p>3 RE-ISSUED FOR CONSTRUCTION CERTIFICATE</p> <p>2 RE-ISSUED FOR CONSTRUCTION CERTIFICATE</p> <p>1 ISSUED FOR CONSTRUCTION CERTIFICATE</p>	<p>Date</p> <p>19-08-13</p>	<p>Issue</p> <p>1</p>
	<p>Date</p> <p>12-09-14</p>	<p>Issue</p> <p>2</p>
<p>Date</p> <p>12-09-14</p>	<p>Issue</p> <p>3</p>	<p>Date</p> <p>12-09-14</p>
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MOORE PARK 881  
SIGNAGE & LINEMARKING PLAN SHEET 2

Scale: 1:250  
Grid: MGA  
Height Datum: AHD

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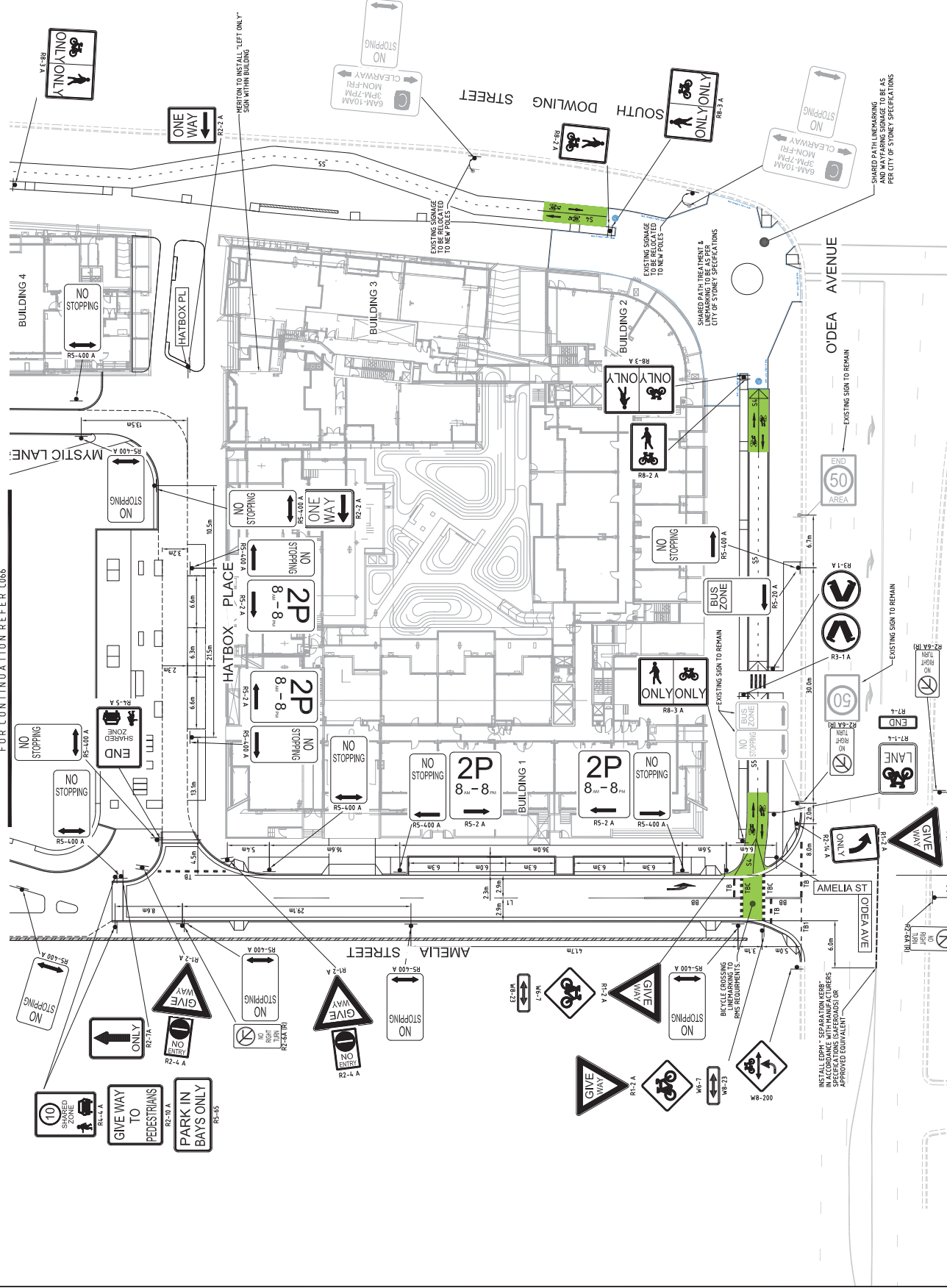
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Bar Scales  
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Issue	Description	Date	Issue
1	ISSUED FOR CONSTRUCTION CERTIFICATE	19-08-13	1
2	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	01-07-14	2
3	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	11-08-14	3
4	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	11-09-14	4
5	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	15-09-14	5
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7	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	24-09-14	7
8	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	29-09-14	8
9	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	08-10-14	9



FOR CONTINUATION REFER C066



**PAVEMENT MARKING SCHEDULE**

LONGITUDINAL LINES	
LANE LINES	L1
BARRIER LINES	BB
SEPARATION LINES	S4, S5
TRANSVERSE LINES	TB, TB1, TBC
GIVEWAY LINE	UA1, UA7
PAVEMENT SYMBOLS	
GREEN PAINT TO RMS AND CITY OF SYDNEY COUNCIL STANDARDS	PS-3

**NOTES**

- ALL SIGNAGE TO BE IN ACCORDANCE WITH THE AUSTRALIAN STANDARD AS 1742
- ALL PAVEMENT MARKING TO BE IN ACCORDANCE WITH THE RMS DECLARATION MANUAL
- ALL PAVEMENT MARKING TO BE IN ACCORDANCE WITH AS 1742
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- PROVIDE REDUCED SPEED COMBINED PAVEMENT MARKERS TO COUNCIL AND RMS REQUIREMENTS
- ALL LINE MARKING TO BE WHITE IN COLOUR WITH THE EXCEPTION OF C2 AND C3 LINES AND LINE MARKING ON CONCRETE PAVEMENTS WHICH ARE TO BE YELLOW
- CYCLEWAY SIGNAGE AND LINE MARKING TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF SYDNEY STANDARD CYCLEWAY DETAILS ATTACHMENT C.

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**MOORE PARK 881**

**SIGNAGE & LINEMARKING PLAN SHEET 1**

Scale: 1:250  
Grid: MGA  
Datum: AHD

Project: MOORE PARK 881  
Title: SIGNAGE & LINEMARKING PLAN SHEET 1

Status: APPROVAL  
Drawing No: C066  
Project No: 12-92  
Issue: 9

Issue	Description	Date	Issue
9	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	08-09-14	1
8	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	30-09-14	2
7	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	24-09-14	3
6	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	11-09-14	4
5	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	14-08-14	5
4	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	01-07-14	6
3	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	21-05-14	7
2	RE-ISSUED FOR CONSTRUCTION CERTIFICATE	22-04-13	8
1	ISSUED FOR CONSTRUCTION CERTIFICATE	19-08-13	9

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