

**ITEM 45. TRAFFIC TREATMENT – SHARED PATH AND SIGNAL UPGRADE –
ABERCROMBIE AND O’CONNOR STREETS CHIPPENDALE**

TRIM RECORD NO: 2018/019099

RECOMMENDATION

It is recommended that the Committee endorse the installation of:

- (A) A Shared Path on the eastern side of Abercrombie Street, Chippendale between O’Connor Street and a point 121 metres north of O’Connor Street.

It is recommended that the Committee note the installation of:

- (B) A ‘Bicycles Excepted’ on the right turn only restriction from the O’Connor Street (East) approaching the signalised intersection with Abercrombie Street, and
- (C) Bicycle lanterns on the northern crossing in Abercrombie Street at the signalised intersection with O’Connor Street.

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 Newtown		

DECISION

BACKGROUND

The City is committed to encouraging people to ride bicycles more often and safely. The City is improving the safety and amenity of cycling infrastructure by making bicycle riding a real and convenient option for short local trips.

A Shared Path is proposed on the eastern side of Abercrombie Street, from Broadway to O’Connor Street. This will provide an alternative to riding ‘on-road’ on a high speed, high volume street. Additionally, given that Abercrombie Street is a one-way northbound, the proposed Shared Path will also improve accessibility by permitting cyclists to travel south along Abercrombie Street between University of Technology Sydney (UTS) and the nearby student accommodation in O’Connor Street.

COMMENTS

The City proposes to introduce a Shared Path on the eastern side of Abercrombie Street, to improve safety and accessibility for cyclists.

According to Transport for NSW Centre for Road Safety, the recommended minimum Shared Path width is 2.5 metres, which is based on Austroads guidelines. The eastern footpath of Abercrombie Street is 7.6 metres wide, narrowing to 3.3 metres at garden beds which is in excess of the minimum recommended Shared Path width.

According to Transport for NSW Centre for Road Safety research findings published in August 2015, Shared Paths represent a relatively low safety risk. Pavement markings will be installed to increase awareness of the shared environment, reinforce pedestrian priority and encourage slow speeds for cyclists using the Shared Path.

Additionally, the City also proposes that bicycle lanterns be installed on the northern crossing in Abercrombie Street, at the signalised intersection with O'Connor Street, to provide improved connection across the street.

Given that cyclists have also raised concerns about the existing right turn only restriction on the O'Connor Street (East) approach the signalised intersection with Abercrombie Street, the City proposes to introduce a 'Bicycles Excepted' on this restriction. This will allow cyclists from O'Connor Street (East) to continue travelling west along O'Connor Street, instead of being forced to travel north along Abercrombie Street.

On 16 November 2017, RMS approved the new Traffic Control Signal (TCS) Plan for the signalised intersection of Abercrombie and O'Connor Streets which included the bicycle lanterns at the Abercrombie Street (North) approach and the 'Bicycles Excepted' for the right turn only from the O'Connor Street (East) approach.

CONSULTATION

The City consulted local residents and businesses in the area. There were 189 letters sent out with no responses supporting or opposing the proposal.

FINANCIAL

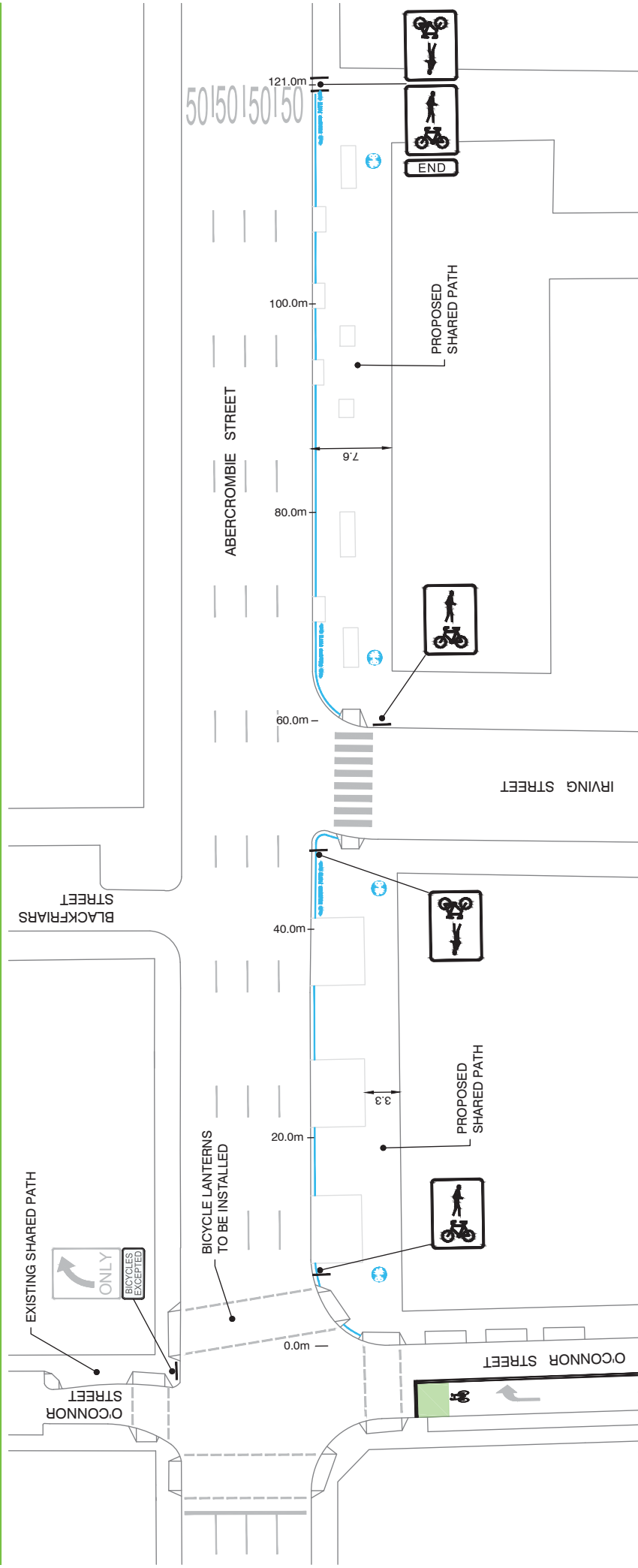
Funds are available in the current budget as part of the City's Cycling Safety Program.

Traffic Treatment – Abercrombie and O Connor Streets Chippendale

Justin Murphy, Senior Designer – Cycling

Abercrombie & O'Connor Streets, Chippendale

Cycling Improvements



The Proposal

The City of Sydney invites your feedback on the following cycling improvements proposed at the intersection of Abercrombie and O'Connor Streets, Chippendale.

- Bicycle lanterns on the northern crossing to allow riders to cross Abercrombie Street when a green signal is displayed.
- Permitting riders to travel west on O'Connor Street across Abercrombie Street.
- Introducing a shared pedestrian and bicycle path on the eastern side of Abercrombie Street to improve access between UTS and nearby student accommodation.

The proposed changes consist primarily of signage and pavement markings. The proposal will not effect on-street parking.

What is a Shared Path?

A shared path is a footpath that is shared by people walking and riding bikes. People walking have priority on shared paths. Bike riders are encouraged to travel slowly and use their bell when approaching people walking.

Have Your Say

We encourage you to have your say about the proposed shared paths. Feedback can be provided by email to council@cityofsydney.nsw.gov.au or by post to:

Justin Murphy
City of Sydney
GPO Box 1591
Sydney NSW 2001

Submissions must be made in writing and quote your name, address and reference number 2018/019099 and be received before 6pm on Monday 12 February 2018.

More Information

If you require any further information please contact Justin Murphy on 9265 9333 or jmurphy@cityofsydney.nsw.gov.au.

Blue pavement markings will be installed along the shared path to reinforce pedestrian priority and encourage riders to travel slowly.

Shared Path Pavement Markings

The City of Sydney uses distinctive pavement markings to improve the safety of people using shared paths.

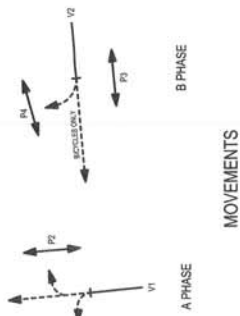
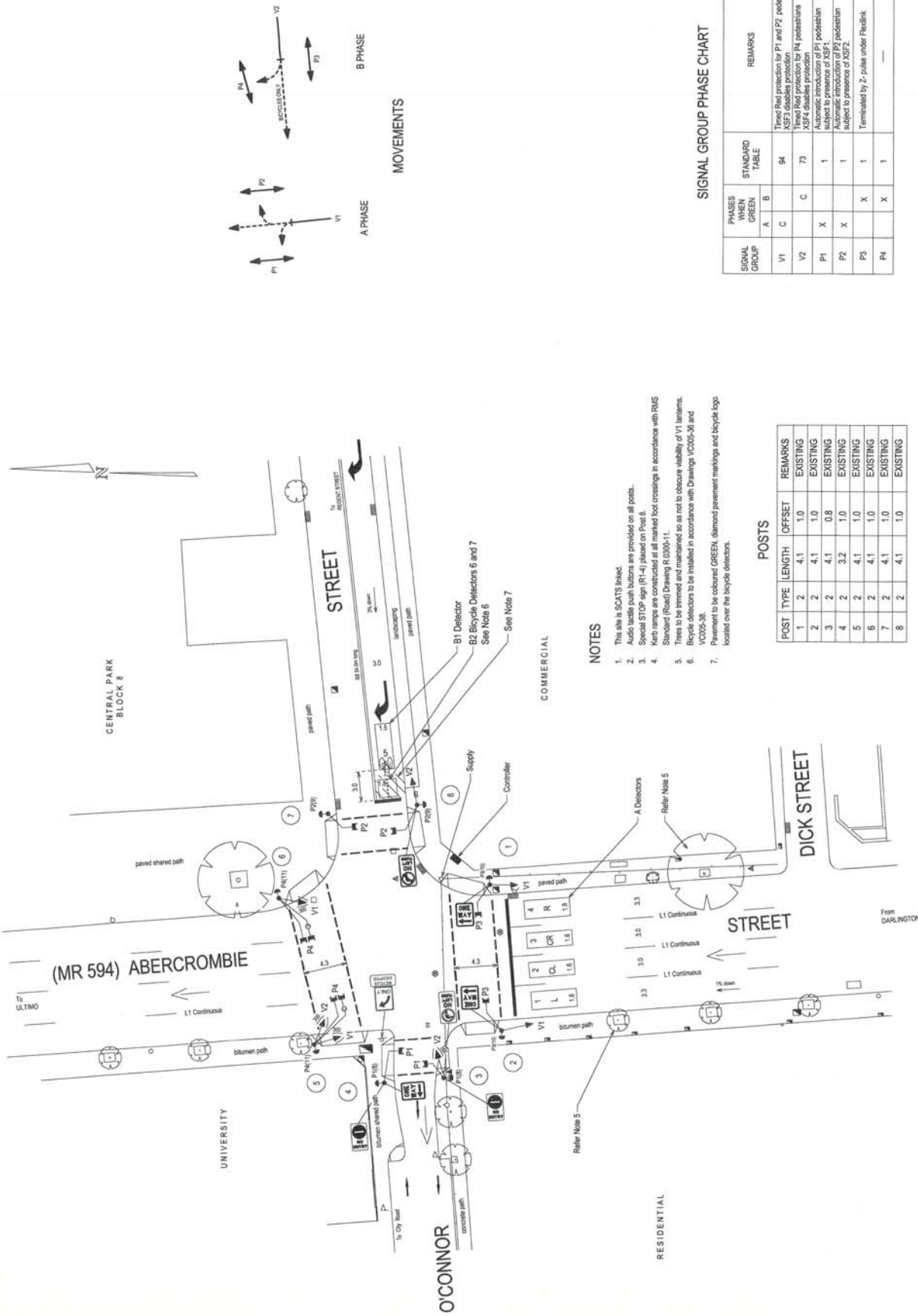


Example shared path pavement markings



DRAWN BY CADD
DO NOT AMEND MANUALLY

TCS 4352



MOVEMENTS

SIGNAL GROUP PHASE CHART

SIGNAL GROUP	PHASES WHEN GREEN		STANDARD TABLE	REMARKS
	A	B		
V1	C		94	Timed Red protection for P1 and P2 pedestrians ASF3 enables protection
V2		C	73	Timed Red protection for P4 pedestrians ASF4 enables protection
P1	X		1	Automatic introduction of P1 pedestrian subject to presence of ASF2
P2	X		1	Automatic introduction of P2 pedestrian subject to presence of ASF2
P3	X		1	Timed held by Z-pulse under Pedlink
P4	X		1	

NOTES

- This site is SCATS linked.
- Audio tactile push buttons are provided on all posts.
- Special STOP sign (R1-4) placed on Post 8.
- Keen ramps are constructed at all marked foot crossings in accordance with RMS Standard (Road) Drawing R.0300-11.
- Trees to be trimmed and maintained so as not to obscure visibility of V1 lanterns.
- Bicycle detectors to be installed in accordance with Drawings VC005-36 and VC005-38.
- Pavement to be coloured GREEN, diamond pavement markings and bicycle logo located over the bicycle detectors.

POSTS

POST	TYPE	LENGTH	OFFSET	REMARKS
1	2	4.1	1.0	EXISTING
2	2	4.1	1.0	EXISTING
3	2	4.1	0.8	EXISTING
4	2	3.2	1.0	EXISTING
5	2	4.1	1.0	EXISTING
6	2	4.1	1.0	EXISTING
7	2	4.1	1.0	EXISTING
8	2	4.1	1.0	EXISTING

DESIGN APPROVAL: [Signature] DATE: 15/08/12
 ROAD DESIGN ENGINEERING: [Signature] DATE: 15/08/12
 APPROVED: [Signature] DATE: 15/08/12
 NAME: [Name] DATE: 15/08/12
 DESIGNER: [Name] DATE: 15/08/12
 CHECKED: [Name] DATE: 15/08/12
 DRAWN BY: [Name] DATE: 15/08/12
 PROJECT NO: [Project No.]
 SHEET NO: [Sheet No.]
 TCS No: 4352
 REG No: DS2014/004738
 SCALE: 1:1000
 FILE: SF2014014817
 SHEET NO: 1/D
 REG No: 4352
 SHEET: 4
 ROAD AND MARITIME SERVICES
 SYDNEY COUNCIL AREA
 TRAFFIC SIGNALS AT
 M.R.594 ABERCROMBIE STREET AND
 O'CONNOR STREET
 CHIPPENDALE
 DESIGN/AVOIT