## ITEM 39. TRAFFIC TREATMENT - CYCLEWAY AND FOOTWAY WIDENING AND RAISED PEDESTRIAN CROSSING AND IN-ROAD TREES LAWSON STREET REDFERN

TRIM RECORD NO: 2016/123701

## RECOMMENDATION

It is recommended that the Committee endorse the following treatments:
(A) The installation of footway widening on the southern side of Lawson Street, Redfern, east of the intersection of Ivy Lane.
(B) The installation of five (5) in-lane trees along the southern side of Lawson Street between Little Eveleigh Street and Ivy Lane in lieu of three car spaces.
(C) The reallocation of kerb space on the southern side of Lawson Street between the points 9 metres and 15 metres west of Little Eveleigh Street as "Loading Zone".
(D) The installation of footway widening on the southern side of Lawson Street either side of the intersection of Little Eveleigh Street.
(E) The installation of footway widening on the northern side of Lawson Street across the intersection of Eveleigh Street.
(F) The installation of a shared path on the northern side of Lawson Street across the intersection of Eveleigh Street with appropriate signs and linemarking.
(G) The installation of a raised pedestrian crossing in Lawson Street just east of Eveleigh Street.
(H) The installation of a two-way separated cycleway on the northern side of Lawson Street between Eveleigh and Gibbons Streets.
(I) Kerb realignment on the north side of Lawson Street/Square at the intersection of Gibbons Street.
(J) The installation of a two-way separated cycleway on the northern side of Lawson Square between Gibbons and Regent Streets.
(K) The installation of a shared environment in Lawson Square across the intersection of Regent Place.
(L) The installation of a shared path on the northern side of Lawson Square on the approach to the intersection of Regent Street and on the eastern side of Regent Street north towards Well Street, with appropriate signs and linemarking.
(M) A kerb realignment on the southern side of Lawson Square near Regent Street, with a new parking space provided for Australia Post.

## VOTING MEMBERS FOR THIS ITEM

| Voting Members | Support | Object |
| :--- | :--- | :--- |
| City of Sydney |  |  |


| Roads and Maritime Services |  |  |
| :--- | :--- | :--- |
| NSW Police - Redfern LAC |  |  |
| Representative for the Member for Newtown |  |  |

## DECISION

## BACKGROUND

The Cycling Strategy and Action Plan was adopted by Council in 2007, and subsequently incorporated into the City's long term strategic plan, Sustainable Sydney 2030. The City has since planned and largely implemented the delivery of the first suite of infrastructure projects. The Lawson Street and Lawson Square cycleway will complete a missing link for cyclists travelling from Newtown to the eastern side of the CBD.

Lawson Street is also a major pedestrian route between Redfern Station and Sydney University. The improvements to the Lawson Street footway (between Ivy Lane and Redfern Station) will provide methods of improving pedestrian safety on a very narrow footway.

## COMMENTS

A bi-directional cycleway is proposed on the northern side of Lawson Street and Lawson Square between Eveleigh and Wells Streets. The cycleway will include an intermittent median separator between the cycleway and the traffic lane to separate cyclists from vehicles, whilst still allowing stormwater to flow through.

The proposal includes a short length of shared path at either end of the new bi-directional cycleway, providing a safe transition into existing cycle provisions in Little Eveleigh Street and Wells Street. Appropriate shared path signs and pavement markings will be deployed to raise user awareness and reduce potential risks.

A cyclist waiting area will be provided in Little Eveleigh Street at the intersection of Lawson Street to allow a space for cyclists to safely wait to cross the road, out of the way of both pedestrians and vehicles.

There will be kerb realignment on the northern side of Lawson Street/Square at the Gibbons Street intersection, to allow for a continuous cycle route through the signalised intersection. This proposal has been approved by the Roads and Maritime Services (RMS).

A raised shared environment is proposed across Regent Place to prioritise pedestrian and cyclist movements and to slow vehicles down.

To improve amenity and safety, the footway will be widened in Lawson Street and Lawson Square at the intersections of Ivy Lane, and Little Eveleigh and Eveleigh Streets.

A new raised pedestrian crossing is proposed with the localised footway widening, to provide priority for pedestrians crossing Lawson Street in front of Redfern Station. This will in turn assist in slowing vehicles down at this intersection.

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 $(\mathrm{V})$ per hour for three one-hour periods in a day, and where $\mathrm{P} \times \mathrm{V}$ is also greater than or equal to 60,000.

The RMS's reduced pedestrian crossing warrant is for volumes greater than 200 vehicles and 30 pedestrians per hour for two one-hour periods on a typical day, and where the proposed crossing is to be used by a high proportion of children or elderly pedestrians.

Pedestrian and vehicle counts have been carried out at this location as follows:-

| Time | Vehicles (V) | Pedestrians (P) | $\mathrm{P} \times \mathrm{V}(>60,000)$ | Complies |
| :---: | :---: | :---: | :---: | :---: |
| 8:00am-9:00am | 813 | 721 | 586173 | Yes |
| 1:00pm-2:00pm | 474 | 119 | 56406 | Almost |
| 4:00pm-5:00pm | 659 | 246 | 162114 | Yes |
| 5:00pm-6:00pm | 841 | 395 | 332195 | Yes |

The warrant for a pedestrian zebra crossing was met during all three periods of the day, and a pedestrian crossing is proposed.

The existing trees on the narrow footway along the southern side of Lawson Street between Little Eveleigh Street and Ivy Lane obstruct pedestrian access and therefore will be removed with new trees planted in the road instead. This will improve pedestrian access and safety on the footway (especially for students going to and from the University) while still maintaining local amenity with new trees.

A new loading zone is proposed in Lawson Street near Little Eveleigh Street to service local businesses. The village to village bus-stop will be relocated into Little Eveleigh Street.

As part of a separate project, Lawson Street will soon be a $40 \mathrm{~km} / \mathrm{h}$ zone, making it safer for pedestrians and cyclists.

The design has been developed in close consultation with RMS and Transport for NSW, and with input from other stakeholders in the precinct, such as cycling groups. Through feedback and traffic modelling, the proposal has been refined and received in-principle approval from RMS.

## CONSULTATION

Public exhibition of the design plans for the Lawson Street improvements was conducted between 26 October and 11 November 2015.

During this period 580 letters were sent to residents and businesses in the surrounding streets; a webpage was created on sydneyyoursay.com.au where submissions could be made; and the concept design was displayed at the One Stop Shop in Town Hall House and Redfern Neighbourhood Service Centre.

The City received 69 submissions, of which 53 submissions were generally supportive of both the footway and cycleway works, with several suggestions being made to improve the designs.

A petition was received, signed by 70 residents from surrounding streets, opposing the Lawson Street footway works. The primary objection is the impact it has on street parking. However, only 3 car spaces will be lost and the benefit to pedestrian safety outweighs the small loss to parking. Additional parking is available nearby in Abercrombie Street which these residents may use.

Consultation was undertaken with the Aboriginal Housing Commission, Redfern Police, Transport for NSW, State Transit Authority, RMS and bicycle groups during the development of the concept design.

## FINANCIAL

Funds are available in the current budget.

## ATTACHMENTS

Traffic Treatment - Cycleway and Footway Widening and Raised Pedestrian Crossing and In-Road Trees - Lawson Street Redfern

Anton Leddin, Project Manager, Streetscapes

of Lawson street fools
to be gradually
with new native Spotted Gum
trees, in protected tree pits
located within the parking
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Parking on southern side
of Lawson street to remain

3 parking spaces removed
to create more pedestrian

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Parking on southern side
Footpaths widened


10 Community bus stop
located to Little
Eveleigh street

DETAIL PLAN: FOOTPATH WITH NEW TREE PIT, EXISTING TREES RETAINED \& REMOVED
LAWSON STREET AND LAWSON SQUARE

## FOOTPATH \& CYCLEWAY UPGRADE DESIGN DEVELOPMENT










