



**Rooty Hill Road North, Jersey Road and Lamb Street,  
Plumpton  
Proposed intersection improvements**

**Community Consultation Report**

August 2016

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## Executive summary

This report provides a summary of the community and stakeholder consultation carried out by Roads and Maritime Services on proposed improvements at the intersection of Rooty Hill Road North, Jersey Road and Lamb Street, Plumpton.

The NSW Government is funding this \$4.4 million proposal as part of its \$246 million Pinch Point Program which aims to reduce delays, manage congestion and improve travel times on Sydney's major roads, particularly during weekday peak periods.

Roads and Maritime is proposing to improve the intersection of Rooty Hill Road North, Jersey Road and Lamb Street, Plumpton to reduce congestion and improve safety for road users and pedestrians. The proposal includes:

- Removing the existing roundabout
- Installing traffic lights and signalised pedestrian crossings
- Providing a dedicated right turn lane from Rooty Hill Road North into Jersey Road
- Providing a left turn lane from Rooty Hill Road North into Lamb Street
- Providing a right turn lane from Jersey Road onto Rooty Hill Road North
- Providing a right turn lane from Rooty Hill Road North onto Lamb Street
- Removing the existing centre median on Jersey Road, where the new right turn lane will be installed
- Installing CCTV cameras to monitor traffic
- Widening Rooty Hill Road North near the intersection
- Changes to the lane configuration on Lamb Street
- Asphaltting and line marking
- Extending kerbs and gutters.

Roads and Maritime invited the community and stakeholders to provide feedback on the proposal in January and February 2016.

We received submissions from 27 people and Blacktown City Council on 38 matters during the consultation period. Of the 28 submissions, 18 were in favour of the proposal, three were against the proposal and seven were neutral.

Roads and Maritime has considered the feedback and decided to proceed with the proposed upgrades.

Nine submissions commented on matters related to the wider proposal, six were about additional improvements proposed for the intersection, three were about safety, five were environmental, two were construction related, one was about consultation and twelve were on matters that were out of scope. We would like to thank everyone who took the time to review the proposal and provide feedback.

We will continue to keep the community and stakeholders updated as the work progresses.

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## 1. Introduction

### 1.1. Background

Rooty Hill Road is an important State road and forms part of the Rooty Hill Road corridor. It connects to other State roads such as Woodstock Avenue to the south and Richmond Road to the north. Lamb Street is a local road that provides a link over the M7 Motorway to the area of Glendenning to the east. It does not provide access to or from the motorway. Jersey Road is a Regional road that provides access for traffic generated in the suburbs of Plumpton, Oakhurst and beyond to the west.

During both the morning and afternoon peak periods, traffic flow through the roundabout is congested, with queuing occurring on all approaches. There are significant road safety problems at the intersection with 37 crashes recorded over the five year period from 1 January 2010 to 30 June 2015.

Pedestrian safety is of concern as there are no dedicated pedestrian crossings at this intersection. Instead, there are splitter islands where pedestrians are able to take refuge.

### 1.2. The proposal

Roads and Maritime is proposing to improve the intersection of Rooty Hill Road North, Jersey Road and Lamb Street, Plumpton to reduce congestion and improve safety for road users and pedestrians.

The objectives of the intersection improvement proposal include:

- Improving traffic flows along Rooty Hill Road North, Jersey Road and Lamb Street
- Reducing congestion and improving travel times
- Improving safety for road users and pedestrians.

The proposed work includes:

- Removing the existing roundabout
- Installing traffic lights and signalised pedestrian crossings
- Providing a right turn lane from Rooty Hill Road North into Jersey Road
- Providing a left turn lane from Rooty Hill Road North into Lamb Street
- Providing a right turn lane from Jersey Road onto Rooty Hill Road North
- Providing a right turn lane from Rooty Hill Road North onto Lamb Street
- Removing the existing centre median where the new right turn lane will be installed on Jersey Road
- Installing CCTV cameras to monitor traffic
- Widening Rooty Hill Road North near the intersection
- Changes to the lane configuration on Lamb Street
- Asphaltting and line marking
- Extending kerbs and gutters.



**Image One: Proposed improvements to the intersection of Rooty Hill Road North, Jersey Road and Lamb Street, Plumpton**

## 2. Consultation approach

### 2.1 Consultation objectives

We consulted with the community during January and February 2016 to:

- Seek comment, feedback, ideas, and suggestions for Roads and Maritime to consider when developing the proposal
- Build a database of interested and concerned community members who Roads and Maritime could continue to engage during the development of the proposal.

### 2.2 How consultation was done

Consultation for the proposal was carried out between 28 January 2016 and 8 February 2016. Community members and stakeholders were encouraged to provide their feedback, and make comments via mail, email or phone contact with the project team.

The following table outlines the communication tools used to inform the community about the proposal:

**Table 1 – How consultation was done**

<b>Have your say letter – January 2016 (Appendix A)</b>	<ul style="list-style-type: none"><li>• Delivered to 1650 residents in the Plumpton area (Appendix B)</li><li>• Emailed to emergency services, schools, large businesses, hospitals and community groups in the local area.</li></ul>
<b>Website</b>	Details of the proposal were provided on Roads and Maritime Services website and also the NSW Government's community consultation website.

## **3. Consultation summary**

### **3.1. Overview**

We received submissions from 27 people and one organisation on 38 matters during the consultation period. Of the 28 submissions, 18 were in favour of the proposal, three were against the proposal and seven were neutral.

Nine submissions commented on matters related to the wider proposal, six were about additional improvements proposed for the intersection, three were about safety, five were environmental, two were construction related, one was about consultation and twelve were on matters that were out of scope. We would like to thank everyone who took the time to review the proposal and provide feedback.

### **3.2 Feedback and Roads and Maritime's responses**

Roads and Maritime has provided responses to all feedback received on this proposal. The responses are provided directly to the person who commented as well as in this report, which will be made available to the public through our website [rms.nsw.gov.au](http://rms.nsw.gov.au)

All comments have been considered to help Roads and Maritime make decisions on this proposal. Matters raised during consultation that are not within our area of responsibility have been forwarded to the relevant authority.

### 3.2. Feedback summary and Roads and Maritime's response

Category	Matters raised	Roads and Maritime's response
<b>The proposal</b>	The installation of traffic lights and the loss of the roundabout will result in increased travel times for residents from Amsterdam Street travelling to the Plumpton shopping village, a right hand turn should be installed.	Roads and Maritime must carefully balance the need to provide a road network that facilitates traffic movements while accommodating the needs of the local community.  It is expected that this project would result in significant safety benefits for the residents of Amsterdam Street and overall community which are considered to outweigh the possible delay for motorists with the new traffic signals. These safety benefits include a reduction in crashes at the roundabout and improved pedestrian safety through the inclusion of signalised pedestrian crossings.
	Widening Rooty Hill Road North would create a bottleneck and not improve congestion.	This proposal includes replacing the existing roundabout with traffic lights and providing dedicated turn lanes to help traffic flow through the intersection. Traffic modelling indicates that these proposed improvements could reduce delays by more than 10 minutes in the AM peak and more than five minutes in the PM peak.
	The two lanes that run from Lamb Street to Jersey Road through the intersection should remain as they are.	The two lanes that run from Lamb Street to Jersey Road through the intersection would remain.
	Will the upgraded intersection have pedestrian crossing signals?	Yes, the intersection improvements include the installation of signalised pedestrian crossings.
<b>Suggestions for additional improvements at the intersection</b>	There should be a dedicated left hand turn from Rooty Hill Road North onto Jersey Road.	A dedicated left hand turn lane from Rooty Hill North onto Jersey Road is considered as part of the final design.
	'Keep Clear' road markings should be installed across Jersey Road, parallel to Amsterdam Street and across Lamb Street, parallel to Royal Avenue.	It is illegal for any vehicle to queue across an intersection under the Australian Road Rules. Any one breaking the law faces the risk of an infringement.  If queuing occurs at this intersection, Roads and Maritime will assess the need for 'Keep Clear' road marking and/or signage.
	There should be pedestrian crossings installed for students and other pedestrians crossing the road from the bus stops.	Roads and Maritime do not install pedestrian crossings within 20 metres of bus stops for safety reasons.  Roads and Maritime is installing new signalised a pedestrian crossings at the intersection of

Category	Matters raised	Roads and Maritime's response
		<p>Rooty Hill North and Lamb Street and Rooty Hill North and Jersey Road.</p> <p>These crossings will provide safe facilities to the Jersey Road bus stops which are about 75 metres from the intersection and the Lamb Street bus stops which are about 90 and 120 metres from the intersection. This is considered close enough to provide a safe crossing for students and other pedestrians.</p> <p>Additionally, the Australian standard is that traffic lights are installed for pedestrian crossings where there is more than one lane of traffic. It is also expected that an additional set of traffic lights would increase congestion.</p>
	<p>Visible road markings and signage should be installed along Rooty Hill Road North on approach to the intersection.</p>	<p>A review of signage will be carried out as part of detailed design for the project. Delineation and signage will be provided as required for the signalised intersection in accordance with Roads and Maritime standards.</p>
<b>Environment</b>	<p>The installation of traffic lights will greatly impact the sleep of nearby residential properties. Shutters should be provided and installed on all residential windows facing Rooty Hill Road North.</p>	<p>Traffic lights are installed in the direction of road users and not towards private properties. In addition, all new lights that are installed are LED and have a smaller light dispersion area than in the past.</p> <p>Also, all traffic signals installed in NSW are fitted with a visor, to limit the dispersion of light.</p>
	<p>There has been an increase in heavy vehicles using Rooty Hill Road North as a thoroughfare instead of using the M7. These vehicles are using compression braking which is unsuitable for residential areas.</p>	<p>Roads and Maritime are mindful of the problems associated with noisy heavy vehicle compression brakes in the vicinity of residential areas. Roads and Maritime do not however, have any regulatory powers to prosecute in relation to exhaust brake noise. The issues relating to exhaust brake noise are being addressed as follows:</p> <ul style="list-style-type: none"> <li>• Heavy vehicles are checked for faulty noise emission control equipment at periodic inspections or following complaint and issues defect notices where warranted</li> <li>• An education program provides information to encourage long-term behavioural changes among heavy vehicle operators travelling along the road network to encourage the appropriate use of compression brakes.</li> <li>• Installation of signs has occurred at strategic locations around Sydney advising truck drivers to limit the use of compression brakes in the vicinity of residential areas. The vast majority of</li> </ul>

Category	Matters raised	Roads and Maritime's response
		<p>heavy vehicle operators now see at least one sign on any given journey.</p> <p>As part of the proposal, Roads and Maritime carried out a noise impact assessment. The results of this study showed that the worst-case increase in noise levels would be approximately 1.3 decibels or less once the project was operational. Noise mitigation measures, such as the provision of a noise wall, is only required when there is a noise increase of 2 decibels or more.</p> <p>Pollution concentration tends to reduce rapidly away from busy roads. We do not expect emissions from traffic on Rooty Hills Road North to result in substantial increased air pollution for local residents.</p> <p>The NSW Government continues to implement a broad range of measures to reduce emissions and improve air quality for the people of NSW. The NSW Government is committed to continuing to work with the Australian Government to implement cleaner fuels and cleaner vehicles to reduce emissions from motor vehicles.</p>
<b>Safety</b>	<p>The widening of Rooty Hill Road North will bring the road closer to private properties and increase the chance of vehicles running off the road and into private properties. Metal barricades should be installed for safety reasons.</p> <p>There is a risk of collisions at the intersection should the phasing of the traffic lights not be suitably timed.</p>	<p>The current Australian standards for road design provide 'clear zone' requirements for the provision of safe roads. For Rooty Hill Road North, the 'clear zone' requirement is 4 meters and this proposal meets these requirements. A clear zone is the area that should be free of obstructions and/or hazards for road users.</p> <p>Signage will also be in place to encourage safe driving behavior.</p> <p>The traffic lights at this intersection would be part of the Sydney Coordinated Adaptive Traffic System (SCATS). SCATS appropriately phases signals to minimise the risk of vehicles colliding.</p>

Category	Matters raised	Roads and Maritime's response
<b>Consultation</b>	What kind of consultation can the community expect during the various stages of the project?	<p>Roads and Maritime regularly consults with the community about its projects. Following our first stage of consultation, we will reply directly to everyone who provided feedback, and make this report available on the Roads and Maritime website. The community will also be invited to comment on the proposed work schedule in August 2016.</p> <p>We would notify the community at least seven days before start of construction and provide regular updates on the work.</p>
<b>Construction</b>	All construction work should take place during the day to reduce the impact to residents.	Roads and Maritime prefers to carry out work during the day to minimise any disruptions at night but due to high traffic volumes in this area, Roads and Maritime will need to carry out a significant portion of the work at night. The community will be invited to provide comment on the proposed working hours and schedule in August 2016.
	Will driveway access be replaced following construction?	Roads and Maritime will reinstate all existing council approved structures following construction.
<b>Out of scope</b>	Is additional access planned for the new business park at Marsden Park?	<p>Traffic growth rates for the area were considered as part of this proposal to improve intersection efficiency at the intersection of Rooty Hill Road North, Jersey Road and Lamb Street by improving traffic flow, reducing congestion and improving road safety.</p> <p>Additional access for the new business park at Marsden Park is outside of the scope of this proposal.</p>
	<p>Additional improvements should be considered in the area including:</p> <ul style="list-style-type: none"> <li>• Traffic lights at the Amsterdam Street and Jersey Road intersection</li> <li>• Traffic lights at the intersection of Lamb Street and Adrienne Street</li> <li>• Traffic lights at the intersection of Lamb</li> </ul>	<p>The objectives of this proposal are to improve intersection efficiency at the intersection of Rooty Hill Road North, Jersey Road and Lamb Street by improving traffic flow, reducing congestion and improving road safety.</p> <p>These suggestions are outside the scope of this proposal.</p>

Category	Matters raised	Roads and Maritime's response
	<p>Street and Adrienne Street</p> <ul style="list-style-type: none"> <li>• A roundabout or traffic lights should be installed at the intersection of Rooty Hills Road North and Shaughnessy Street</li> <li>• Widening Rooty Hill Road North from Luxford Road to Woodstock Avenue</li> <li>• Lamb Street being widened to two lanes in each direction</li> </ul>	
	<p>Will the right hand turn from Jersey Road into Amsterdam Street be maintained?</p>	<p>The right hand turn from Jersey Road onto Amsterdam Street will be maintained.</p>
	<p>Heavy rain causes drainage issues along Lidell Street which in turn create traffic hazards.</p>	<p>The objectives of this proposal are to improve intersection efficiency at the intersection of Rooty Hill Road North, Jersey Road and Lamb Street by improving traffic flow, reducing congestion and improving road safety.</p> <p>Drainage at Lidell Street is outside of the scope of this proposal, however Roads and Maritime has forwarded your concerns to Council.</p>
	<p>A shared pedestrian and cycle path should run along the length of Rooty Hill Road North.</p>	<p>A shared pedestrian and cycle plan is outside the scope of this proposal however, Roads and Maritime will consider this as part of future planning in the area.</p> <p>The NSW Government is committed to working with councils to make walking and cycling safer, more convenient and enjoyable transport options that benefit everyone. By better targeting investment to improve walking and cycling in areas where most short trips occur, the NSW Government aims to support more accessible, liveable and productive towns, cities and centres and free up capacity on our roads and public transport system for those customers that need to travel further. Funding for provision of facilities such as shared paths and dedicated bicycle lanes is available to Councils through NSW Government Active Transport Program</p>

## **4. Recommendations**

Roads and Maritime would like to thank everyone who took the time to consider our proposal and provide feedback.

We have considered the comments received and decided to proceed with the project as proposed.

## **5. Next steps**

Roads and Maritime will proceed with planning for this proposal and will seek feedback on the proposed work schedule in August 2016.

The community will be kept informed as the proposal progresses.

## Appendix A – Have your say January 2016



January 2016

### Have your say – Proposed improvements at the intersection of Rooty Hill Road North, Jersey Road and Lamb Street, Plumpton

The NSW Government is funding a proposal at the intersection of Rooty Hill Road North, Jersey Road and Lamb Street, Plumpton as part of its \$246 million Pinch Point Program, which aims to reduce traffic delays, manage congestion and maintain travel times on Sydney's major roads, particularly during weekday peak periods.

Roads and Maritime Services is seeking your feedback by **Monday 15 February** on this proposal. The proposal is part of planned corridor improvements on Rooty Hill Road between the Great Western Highway, Eastern Creek and Richmond Road, Oakhurst.

We have included a map to help explain the proposal. The work would include:

- Removing the existing roundabout and installing traffic lights and signalised pedestrian crossings
- Providing a dedicated right turn lane from Rooty Hill Road North into Jersey Road
- Providing a left turn lane from Rooty Hill Road North into Lamb Street
- Providing a right turn lane from Jersey Road onto Rooty Hill Road North
- Providing a right turn lane from Rooty Hill Road North onto Lamb Street
- Removing the existing centre median where the new right turn lane will be installed on Jersey Road
- Installing CCTV cameras to monitor traffic
- Widening Rooty Hill Road North near the intersection
- Changes to the lane configuration on Lamb Street
- Asphaltting and line marking
- Extending kerbs and gutters.

#### Have your say

We encourage you to send us your comments by **Monday 15 February** to:

**Email:** [enquiries\\_nsw@downermouchel.com](mailto:enquiries_nsw@downermouchel.com)

**Mail:** DownerMouchel, Rooty Hill Road North intersection improvements,  
PO Box 6465, North Ryde NSW 2113

We will carefully consider your feedback and continue to keep you updated as the proposal progresses.

#### Contact

If you have any questions, please contact our delivery partner DownerMouchel on 1800 332 660 or email [enquiries\\_nsw@downermouchel.com](mailto:enquiries_nsw@downermouchel.com). For more information on our projects, visit [rms.nsw.gov.au](http://rms.nsw.gov.au)



## Translating and Interpreting Service

If you need an interpreter, please call TIS National on 131 450 and ask them to call DownerMouchel on 1800 332 660.

### Arabic

إذا كنتم بحاجة إلى مترجم، الرجاء الاتصال بخدمة الترجمة الخطية والتفوية (TIS National) على الرقم 1800 332 660 واطلب منهم الاتصال بوكنتكم DownerMouchel على الرقم 1800 332 660.

### Cantonese

若你需要口譯員，請致電 131 450 聯絡翻譯和口譯服務署 (TIS National)，要求他們 致電 1800 332 660 聯絡 DownerMouchel。

### Mandarin

如果你需要口译员，请致电 131 450 联系翻译和口译服务署 (TIS National)，要求他们 致电 1800 332 660 联系 DownerMouchel。

### Greek

Αν χρειάζεστε διαμετρήσει, παρακαλείσθε να τηλεφωνήσετε στην Υπηρεσία Μετάφρασης και Διαμετρήσεις (Εθνική Υπηρεσία TIS) στο 131 450 και ζητήστε να τηλεφωνήσουν DownerMouchel στο 1800 332 660.

### Russian

Если вам нужен переводчик, то позвоните в Службу письменного и устного перевода (TIS National) по номеру 131 450 и скажите переводчику, что вам нужно позвонить в DownerMouchel по номеру 1800 332 660.

### Korean

통역사가 필요하시면 번역통역서비스 (TIS National) 에 131 450 으 로 연락하며 이들에게 1800 332 660 번으로 DownerMouchel 메 전화 하도록 요청하십시오.

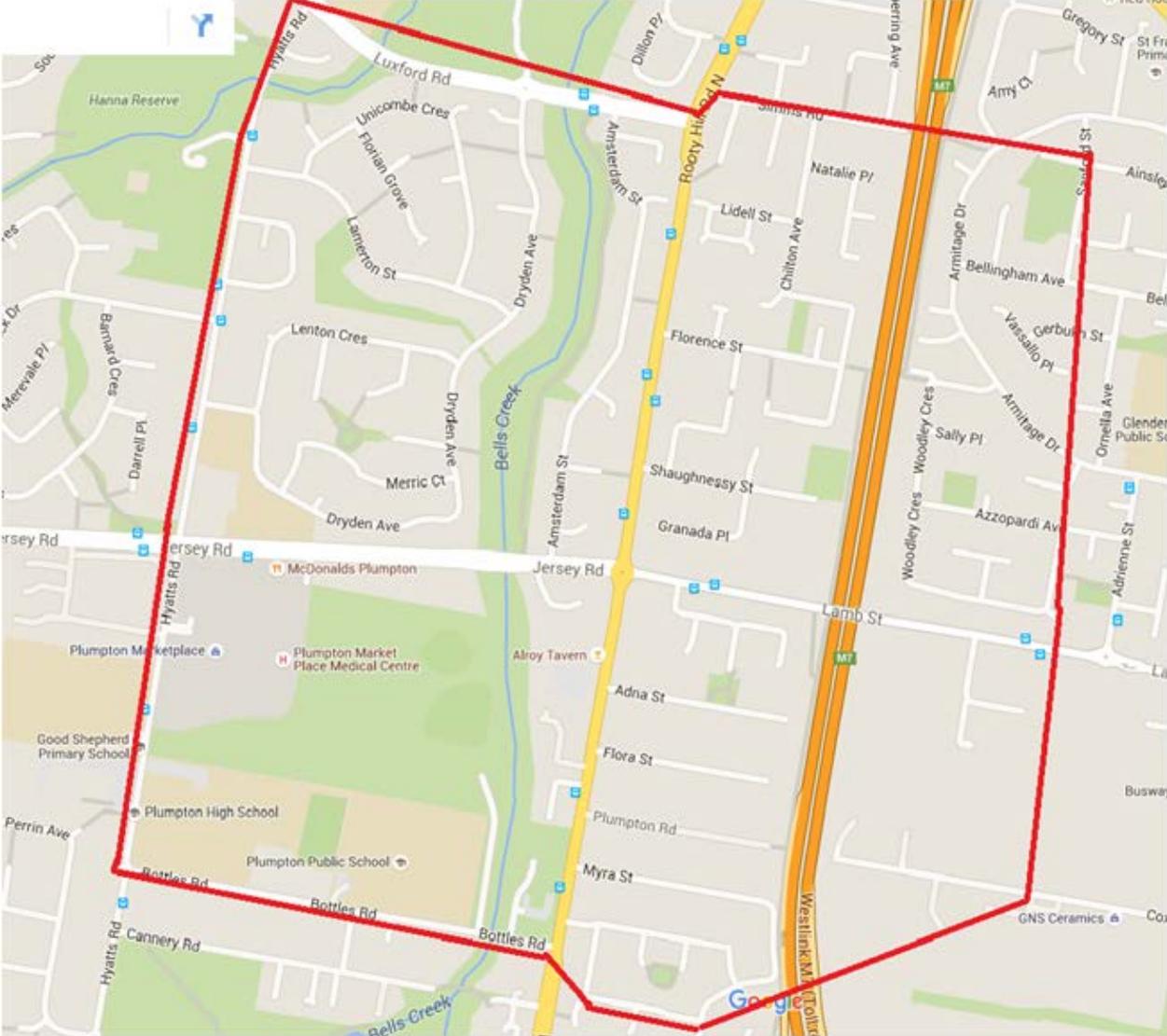
### Vietnamese

Nếu cần thông ngôn viên, xin quý vị gọi cho Dịch Vụ Thông Phiên Dịch (TIS Toàn Quốc) qua số 131 450 và nhờ họ gọi cho DownerMouchel qua số 1800 332 660.



Transport  
Roads & Maritime  
Services

Appendix B – January 2016 distribution area





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