



# **Botany Road and Bunnerong Road, Matraville Intersection Improvements**

## **Community Consultation Report**

January 2016

THIS PAGE LEFT INTENTIONALLY BLANK

## Executive summary

This report provides a summary of the community consultation carried out by Roads and Maritime Services on a proposal to install traffic lights at the intersection of Botany Road and Bunnerong Road, Matraville.

The NSW Government is funding this proposal 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.

Bunnerong Road runs north-south and has the priority movement for road users through the T-intersection, which is controlled with 'Stop' signs on Botany Road for motorists turning right using the single eastbound lane.

In response to crash history, the safety and operation of this intersection was assessed by Roads and Maritime for potential improvements.

Two options were developed and evaluated – traffic lights or a roundabout. The option of installing traffic lights is preferred, rather than a roundabout as the lights would have less impact on the environment, require no acquisition of land and are the most cost-effective option.

Roads and Maritime distributed letters in the Matraville area and placed information on our website requesting the community and stakeholders provide feedback through email, mail or a phone call on our proposal.

We received comments from 127 people and organisations raising 25 different matters for our consideration. The majority of comments were in favour of installing traffic lights.

Key points included the potential of restricting traffic flow, the necessity of a roundabout to allow U-turns for vehicles travelling along Botany Road and delay that would be caused by providing pedestrian crossings.

The community also provided feedback on other areas that required attention for the safety of all community members. This includes the transition from two lanes to one lane on the south side of Bunnerong Road and the suggestion to install red-light speed cameras at various intersections in this area.

We thank everyone who took the time to review the proposal and provide feedback. Roads and Maritime has considered all points raised in progressing this proposal.

Roads and Maritime will finalise detailed design and then look to build the new lights. Once we have considered our construction methods, there may be a need to consult with the community and stakeholders about our construction schedule.

We will keep you updated as the project progresses.

## Contents

Executive summary.....	3
1. Introduction.....	5
1.1. Background .....	5
1.2. The proposal.....	6
2. Consultation approach.....	7
2.1 Consultation objectives.....	7
2.2 How consultation was done .....	7
3. Consultation summary.....	7
3.1 Overview.....	7
3.2 Recommendations.....	13
3.3 Next steps.....	13
4. Appendix.....	14

# 1. Introduction

## 1.1. Background

Roads and Maritime Services is investigating an upgrade of the intersection of Botany Road and Bunnerong Road, Matraville to help improve traffic flow and road safety on the network.

The intersection of Botany Road and Bunnerong Road is a T-intersection, which provides right turn bays and free-flow left turn slip lanes. Bunnerong Road runs north-south and has the priority movement for road users.

The intersection is controlled with 'Stop' signs on Botany Road for motorists using the single eastbound right turn lane onto Bunnerong Road.

Due to the crash history and a recent fatality, Roads and Maritime has been contacted by members of the community and stakeholders expressing concern about this intersection.

In response to recent crashes the safety and operation of the intersection was assessed for potential improvements. We have assessed the intersection and brought forward a proposal.

Crash data during the five year period from 1 July 2009 to 3 June 2013 shows there have been 20 reported crashes within 50 meters of the intersection, 13 were injury crashes. The majority of the crashes involved vehicles travelling northbound along Bunnerong Road and colliding with vehicles turning right from Botany Road. Heavy vehicles were involved in six of the 20 crashes.

In January 2014 there was a fatal crash that involved a vehicle turning right from Botany Road and colliding with a northbound vehicle on Bunnerong Road.

Evaluations and community complaints also show that a significant number of heavy vehicles wanting to access Port Botany were doing U-turns at the intersection to park along the southern side of Botany Road near Bumborah Point Road.

NSW Ports has since established an off-street waiting area for trucks on Bumborah Point Road. This has been done in conjunction with 'No stopping' restrictions being installed on the southern side of Botany Road between Bunnerong Road and Bumborah Point Road. This has significantly reduced the number of trucks using the intersection for U-turns.

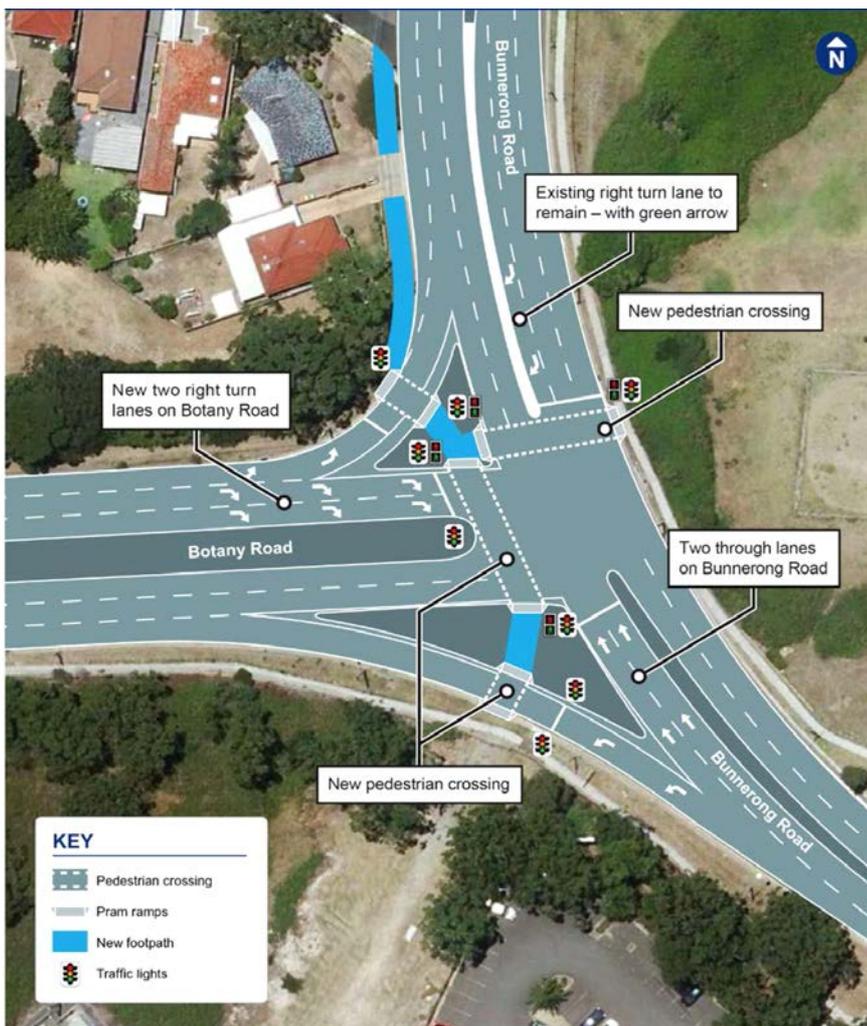
## 1.2. The proposal

The NSW Government is funding this proposal 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.

As part of this proposal an options assessment report was prepared which outlines the different options that were developed and evaluated. It provides information on how the preferred option was chosen. The report can be viewed on our website at [rms.nsw.gov.au](http://rms.nsw.gov.au) search for Pinch Point Program.

The proposed work includes:

- Installing traffic lights
- Installing pedestrian crossings and ramps for pedestrians and cyclists on the northern and western side of the intersection (no crossing to be included on the southern approach)
- Increasing approach lanes to the intersection from one to two lanes
- Retaining the right turn lane on Bunnerong Road into Botany Road.



Map of proposed changes at the intersection of Bunnerong Road and Botany Road, Matraville.

## 2. Consultation approach

### 2.1 Consultation objectives

Roads and Maritime Services consulted with the community between July and August 2015 with comments closed on 7 August 2015 to:

- Seek comments, feedback, ideas, and suggestions for Roads and Maritime to consider in making a decision regarding the proposed traffic lights
- Build a database of interested and concerned community members with whom we can continue to engage during the proposals development.

### 2.2 How consultation was done

Community members were encouraged to provide their feedback, leave comments and make submissions via mail, email or phone contact with the project manager.

**Table 1 – Consultation tools used**

Community letter	<ul style="list-style-type: none"><li>• Delivered 18,000 letters in the Matraville area and surrounding suburbs as well as to key stakeholders including Randwick City Council, Port Botany and emergency services.</li></ul>
Webpage	<ul style="list-style-type: none"><li>• Details about the proposal were provided on the Roads and Maritime website</li></ul>

## 3. Consultation summary

### 3.1 Overview

Roads and Maritime received comments from 127 people and organisations raising 25 different matters. There were 82 responses in favour of installing traffic lights, 21 supported a roundabout, six offered general support to the proposal and 18 objected to the proposed traffic lights.

**Table 2 – Consultation comments and responses**

<b>Category</b>	<b>Matter raised</b>	<b>Roads and Maritime response</b>
<b>General Overview</b>  127 comments	<b>Supports traffic lights</b>  82 comments <hr/> <b>Suggested roundabout</b>  21 comments <hr/> <b>General support</b>  6 comments <hr/> <b>Objection to the proposal</b>  18 comments	Thank you for your comment on the proposal to install traffic lights at the intersection of Botany Road and Bunnerong Road, Matraville. Roads and Maritime thanks all respondents for providing feedback on this proposal and we will consider your comments in our decision making.
<b>Fully support traffic lights</b>  52 comments	Long overdue. Particularly necessary because of motorists ignoring stop signs and due to continual road use by heavy vehicles.	Thank you for your comment on the proposal to install traffic lights at the intersection of Botany Road and Bunnerong Road, Matraville.  Roads and Maritime Services thanks respondents for providing feedback on this proposal and we will consider your comments in our decision making.
<b>Widening of footpath</b>  2 comments	Consider widening the footpath along Bunnerong Road to improve pedestrian and cyclist safety, and allow easy access to Chifley Sport Reserve.	Footpath widening is beyond the scope of this project, however since the footpath is owned and managed by Randwick City Council, Roads and Maritime has forwarded your suggestion to council for its consideration.
<b>Cycle lanes</b>  1 comment	Ensure cycle lanes on Bunnerong Road and Botany Road are prioritised for the safety of cyclists	There are currently no cycle lanes provided on Botany Road or Bunnerong Road. As such, the crossing at the traffic lights will not incorporate cycle lanes. Randwick City Council has highlighted Botany Road and Bunnerong Road as a future cycle routes
<b>Pedestrian safety</b>  1 comment	Consider installing a steel barrier to protect pedestrians from cars turning right on to Bunnerong Road	Randwick City Council recently upgraded Bunnerong Road, south of Botany Road. This included footpath adjustments and a new pedestrian refugee island near Military Road. The request for a guard rail on this section of Bunnerong Road is a matter for Randwick City Council. This request will be forwarded to council for

		its consideration.
<b>Pedestrian Crossing</b> 2 comment	Suggests to add another pedestrian crossing to the south side of Bunnerong Road to prevent pedestrians from taking unnecessary risks  Traffic lights are well warranted, however the necessity of pedestrian crossing lights is questionable as there are few pedestrians using this intersection.	Roads and Maritime investigated the need for an additional crossing on the southern side of Bunnerong Road.  Due to the dual right turn from Botany Road onto Bunnerong Road, if a crossing was provided, the efficiency of the intersection would be affected due to the full time red arrow displayed to Botany Road motorists if pedestrians were crossing this leg of the intersection.  In the design stage Roads and Maritime has allowed for the crossing to be installed in the future when the volume of pedestrians warrants it.  Pedestrian facilities are required at all new traffic lights as part of the Roads and Maritime's standards. They are generally only activated by push button when a pedestrian wishes to cross the road.
<b>Pedestrian lights</b> 5 comments	If traffic lights are necessary, ensure the lights for motorists turning from Botany Road onto Bunnerong Road remain green unless a pedestrian presses the button in order to prevent delays. Also suggest that Bunnerong Road and Botany Road right turns are only allowed on a green arrow.	The right turn from Bunnerong Road into Botany Road will consist of a right turn under a green light when there is a gap in northbound traffic. This will be followed by a dedicated right turn arrow into Botany Road. The two pedestrian crossings across the slip lanes will provide priority to vehicles and safety of pedestrians.
<b>Additional right turn lane</b> 2 comments	Can there be two right turn lanes from Bunnerong Road into Botany Road instead of one, to prevent delays.	The current demand of right turning vehicles can be accommodated within a single right turn lane. As part of the project, a dedicated right turn arrow will be provided for right turning vehicles into Botany Road.
<b>Maintaining double lanes</b> 5 comments	Want to maintain a double lane along Bunnerong Road to turn right onto Military Road as the sudden lane configuration change from 2-1-2 lanes is dangerous.	As part of the project, the line marking on Bunnerong Road approaching Military Road will be adjusted to create a left to right merge rather than the current right to left merge.
<b>Right turn arrows</b> 1 comment	Right turn arrows should also be considered for the Franklin Street/Perry Street intersection with Bunnerong Road.	This intersection is currently under review for possible right turn arrows for traffic on Bunnerong Road.  If a decision is made to proceed with this potential project, community and stakeholder consultation will be carried out.

<p><b>Red light/speed camera locations</b></p> <p>4 comments</p>	<p>Put red light/speed cameras on Botany/Bunnerong intersection as well as all intersections with traffic lights in the area to force all motorists to slow down.</p>	<p>Red light/speed cameras are used to address safety issues at intersections with traffic lights and a crash history. This project has been developed to address the crash history.</p>
<p><b>Traffic lights to replace stop signs</b></p> <p>1 comment</p>	<p>This strategy should also be considered for the intersections of Pozieres Avenue and Menin Road, Matraville and Anzac Parade and Pozier Avenue, Maroubra.</p>	<p>Both these intersections are local roads and are the responsibility of Randwick City Council. We have passed on your feedback onto council for its consideration.</p>
<p><b>Residential only access</b></p> <p>1 comment</p>	<p>Should consider closing off access to Bunnerong Road, excepting residents of La Perouse, on weekend evenings to deter aggressive drivers.</p>	<p>Randwick City Council and NSW Police are working together to minimise this activity in the La Perouse area. The council is involved in this work because this section on Bunnerong Road is under its management.</p>
<p><b>Speed bumps</b></p> <p>1 comment</p>	<p>Add speed bumps to the downhill approach on Bunnerong Road to ensure drivers slow down when approaching the traffic lights.</p>	<p>There is a high volume of traffic, particularly heavy vehicles and buses, using Bunnerong Road on a daily basis and therefore speed bumps are not supported at this location.</p> <p>Additionally we don't use speed bumps on State roads as a speed reduction measure as it doesn't align to the Australian Standard.</p>
<p><b>Large vehicle restriction</b></p> <p>1 comment</p>	<p>Have 'no entry' signs for trucks with penalties imposed to deter trucks from using intersection. Also maintain the lane on Bunnerong Road so it doesn't switch from 2-1-2 lanes.</p>	<p>The proposal will consist of a dual right turn lane from Botany Road onto Bunnerong Road. Heavy vehicles are permitted to use the intersection as Military Road is a heavy vehicle route.</p> <p>As part of the project, the line marking on Bunnerong Road approaching Military Road will be adjusted to create a left to right merge rather than the current right to left merge.</p>
<p><b>Traffic lights on Military Road</b></p> <p>2 comments</p>	<p>Traffic lights should be installed at Military Road/Bunnerong Road intersection to slow down trucks and validate visibility. Pedestrians use this intersection as well.</p>	<p>This section of Bunnerong Road and the full length of Military Road are managed by Randwick City Council. Council would need to undertake any investigations to determine if traffic lights are warranted at this intersection.</p> <p>Roads and Maritime has forwarded your suggestion to council for its consideration.</p>
<p><b>Roundabout</b></p>	<p>Intersection is not busy enough for traffic lights and hence will only cause more congestion. A roundabout would allow U-</p>	<p>The proposed traffic lights are recommended to improve safety of the intersection. Traffic flow will be managed through traffic light phasing. Information about the assessment of traffic lights versus a</p>

16 comments	turns for all motorists and enhance traffic flow.	roundabout is provided in the Roads and Maritime Services Options Assessment Report for this intersection. This report is available on our website at <a href="http://rms.nsw.gov.au">rms.nsw.gov.au</a> and search for Pinch Point Program.
<b>Roundabout in accordance with Austroads Guide to Traffic Management</b> 1 comment	A roundabout is more suitable for this intersection in accordance with the points stated in Austroads Guide to Traffic Management Part 6: Intersections, Interchanges and Crossings.	The proposed traffic lights are recommended to improve safety of the intersection. Traffic flow will be managed through traffic light phasing. Information about the assessment of traffic lights versus a roundabout is provided in the Roads and Maritime Services Options Assessment Report for this intersection. This report is available on our website at <a href="http://rms.nsw.gov.au">rms.nsw.gov.au</a> and search for Pinch Point Program.
<b>Roundabouts for other intersections</b> 3 comments	Suggests to have roundabouts placed on the following intersections as well to allow legal U-turns: <ul style="list-style-type: none"> <li>• Wentworth Avenue and Page Street intersection</li> <li>• Anzac Parade and Bunnerong Road</li> <li>• Bunnerong Road with Daunt Avenue or Bunnerong Road with Beauchamp Road.</li> </ul>	Alternative U-turn locations are currently under investigation. This investigation will consider new land use developments along Bunnerong Road.  If any of these proposals proceed, the community and stakeholders will be consulted as part of the development of the projects.
<b>Speed limit changes</b> 1 comment	Suggestion to reduce the speed limit on Foreshore Road to 70km/h and install red light speed cameras at the Foreshore Road/Botany Road intersection.	Roads and Maritime has assessed the intersection of Foreshore Road with Botany Road for a red light camera. Roads and Maritime has added this intersection for consideration in the future rollout of the red light speed camera program.  Roads and Maritime has previously reduced the speed limit along Foreshore Road from 90km/h to 80km/h. The last speed review was completed in 2012 and at this time, there are no plans to further reduce the speed limit on this corridor.  Information supporting this proposal is included in Roads and Maritime's Options Assessment Report for this intersection. This report is available on our website at <a href="http://rms.nsw.gov.au">rms.nsw.gov.au</a> and search for Pinch Point Program.
<b>Lanes only</b> 1 comment	Suggests two right turn lanes from Botany Road to Bunnerong Road and make no other changes to the intersection	The introduction of a dual right turn lane from Botany Road into Bunnerong Road requires traffic lights for safety reasons.

<p><b>Potential installation of a raised road bridge</b></p> <p>1 comment</p>	<p>Suggests installing a raised road bridge instead with associated ramps and lanes. Also reduce speed limit to 50kph and have no right turn from Bunnerong Road to Botany Road to slow down traffic and keep it flowing</p>	<p>The proposal to install traffic lights at this intersection to reduce crashes is a more cost effective solution. A raised road bridge is outside the scope and budget for this project.</p>
<p><b>Either option</b></p> <p>6 comments</p>	<p>Improve intersection to ensure pedestrian and motorist safety.</p>	<p>Thank you for your comment on the proposal to install traffic lights at the intersection of Botany Road and Bunnerong Road, Matraville.</p> <p>Pedestrian and motorist safety is a priority for Roads and Maritime.</p>
<p><b>Intersection not suitable</b></p> <p>4 comments</p>	<p>Both proposals are unnecessary as both pedestrian and traffic flows are low. Improvements are more needed at the intersection of Military Road with Bunnerong Road, Matraville and Anzac Parade with Canara Avenue, Little Bay.</p>	<p>The intersections of Military Road with Bunnerong Road and Anzac Parade and Canara Avenue, Little Bay are local roads which is the responsibility of the local council. We have passed on your feedback.</p> <p>This section of Bunnerong Road and the full length of Military Road; and Anzac Parade and Canara Avenue are managed by Randwick City Council. Council would need to undertake any investigations to determine if improvements were needed for these intersections.</p> <p>Roads and Maritime has forwarded your suggestion to council for its consideration.</p>
<p><b>No improvements</b></p> <p>12 comments</p>	<p>No improvements are considered necessary for this intersection.</p>	<p>The crash history demonstrates that there is a safety issue at this intersection, which this proposal is expected to address.</p>

### **3.2 Recommendations**

Roads and Maritime has considered all feedback received and has decided to proceed with installing traffic lights at the intersection of Botany Road and Bunnerong Road, Matraville.

### **3.3 Next steps**

Roads and Maritime will finalise detailed design and then look to build the new lights. Once we have considered our construction methods, there may be a need to consult with the community and stakeholders about our construction schedule.

We will keep you updated as the project progresses.

## 4. Appendix

### Appendix A - Community Letter



July 2015

### **Have your say – Proposal to install traffic lights at the intersection of Botany Road and Bunnerong Road, Matraville**

**The NSW Government is funding this proposal to reduce congestion and improve safety.**

Roads and Maritime Services is seeking your feedback on a proposal to install traffic lights at the intersection of Botany Road and Bunnerong Road, Matraville. The intersection is a T-intersection. Bunnerong Road is the priority road for north-south traffic through the intersection, which is currently controlled with 'Stop' signs on Botany Road for traffic using the single right turn lane provided for eastbound movement.

The proposal is part of the NSW Government's \$246 million Pinch Point Program.

As part of this proposal an options assessment report was prepared which outlines the different options that were developed and evaluated. It provides information on how the preferred option was chosen. The report can be viewed on our website at [rms.nsw.gov.au](http://rms.nsw.gov.au) search for Pinch Point Program.

The proposed work includes:

- Installing traffic lights
- Installing pedestrian crossings and ramps for pedestrians and cyclists on the northern and western side of the intersection (no crossing to be included on the southern approach)
- Increasing approach lanes to the intersection from one to two lanes
- Retaining the right turn lane on Bunnerong Road into Botany Road.

We have provided an artist impression to help better explain our proposal.

#### **How can you give feedback?**

We encourage you to send us your comments by **Friday 7 August 2015** to:

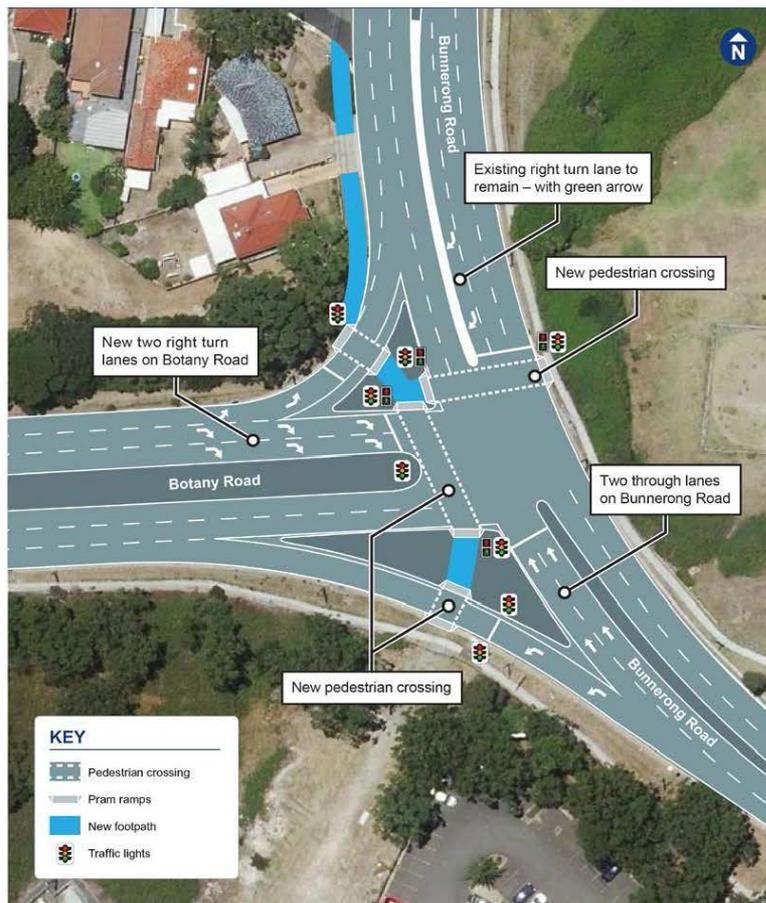
Nicolas Kocoski  
Roads and Maritime Services  
PO Box 973  
Parramatta NSW 2124  
or  
[nicolas.kocoski@rms.nsw.gov.au](mailto:nicolas.kocoski@rms.nsw.gov.au)

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

#### **Contact**

If you have any questions, please contact our Senior Network and Safety Officer Nicolas Kocoski 02 8849 2328 or email [nicolas.kocoski@rms.nsw.gov.au](mailto:nicolas.kocoski@rms.nsw.gov.au). 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 the Translating and Interpreting Service (TIS National) on **131 450** and ask them to telephone Roads and Maritime Services on 02 8849 2328.

**Arabic**  
إذا كنتم بحاجة إلى مترجم، الرجاء الاتصال بخدمة الترجمة الخطية والشفوية (TIS National) على الرقم 02 8849 2328 أو الرقم 131 450. والطلب منهم الاتصال بخدماتكم Roads and Maritime Services.

**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 02 8849 2328 聯絡 Roads and Maritime Services。

**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 02 8849 2328 联系 Roads and Maritime Services。

**Greek**  
Αν χρειάζεστε διερμηνέα, παρακαλείσθε να τηλεφωνήσετε στην Υπηρεσία Μετάφρασης και Διερμηνείας (Εθνική Υπηρεσία ΤΙΣ) στο 131 450 και ζητήστε να τηλεφωνήσουν Roads and Maritime Services στο 02 8849 2328.

**Italian**  
Se desiderate l'assistenza di un interprete, prego telefonare al Servizio Interpreti e Traduttori (TIS National) al 131 450 chiedendo di contattare Roads and Maritime Services al 02 8849 2328.

**Korean**  
통역사가 필요하시면 번역통역서비스 (TIS National) 에 131 450 으로 연락하여 아들에게 02 8849 2328 번으로 Roads and Maritime Services 에 전화하도록 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 Roads and Maritime Services qua số 02 8849 2328.



 [rms.nsw.gov.au/](http://rms.nsw.gov.au/)

 13 22 13

 Customer feedback  
Roads and Maritime  
Locked Bag 928,  
North Sydney NSW 2059