



# **Proposed Intersection Improvements at Princes Highway and Port Hacking Road, Sylvania**

## **Community Consultation Report**

August 2017

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## Executive summary

This report provides a summary of Roads and Maritime Services' consultation with the community and key stakeholders on proposed intersection improvements at Princes Highway and Port Hacking Road, Sylvania.

The NSW Government is funding this proposal as part of its \$300 million Gateway to the South Pinch Points Program which will improve traffic flow on Sydney's key southern road corridors by upgrading major intersections.

This proposal includes:

- widening the westbound side of Princes Highway to increase the length of the three through lanes from 42 metres to 123 metres
- relocating the bus shelter with a new indented bus bay on Princes Highway eastbound
- upgrading traffic signals and signs
- asphaltting and line markings
- relocating lighting and power poles
- adjusting existing utilities

Roads and Maritime invited feedback on the proposal in May and June. We received feedback from 43 people, with 18 supporting the proposal, 24 not stating a preference and one person who opposed the proposal. The one person who opposed the proposal raised concerns involving:

- the location of bus stops

The 24 people who did not state a preference made comments involving:

- bus stop relocation
- access to and from residential roads
- signal operations
- intersection layout

We thank everyone for considering the proposal and for their feedback.

## The decision

After considering all responses, along with the proposal's aims and design requirements, we have decided to proceed with proposal with the following changes:

- investigate possible changes to the operation of the bus stop on the western leg of Princes Highway, outside The Crest Hotel

We will keep the community updated on the progress of the project and will consult on a construction schedule in late 2017

Construction is expected to start in early-mid 2018

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# 1. Introduction

## 1.1. Background

The intersection of Princes Highway and Port Hacking Road, Sylvania has been identified as part of the NSW Government's \$300 million Gateway to the South Pinch Point Program.

This program aims to address critical pinch points along the A1, A3 and A6 routes south of the M5 Motorway, including The Princes Highway. It focuses on short to medium term solutions to improve travel time and reliability for all road traffic including buses and freight.

Princes Highway is the principal route linking southern coastal towns of NSW with Sydney. In a regional context, Princes Highway is one of three routes that cross the Georges River to link Sutherland Shire (population 226,220) with the Sydney CBD as well as the inner southern and inner western suburbs of Sydney.

Currently, the Princes Highway and Port Hacking Road intersection is heavily trafficked, catering for approximately 6,500 vehicles during the AM and PM peak hours. The major movements are the vehicles traveling through the intersection along Princes Highway, and the right turn from Port Hacking Road onto Princes Highway (east bound).

## 1.2. The proposal

Roads and Maritime is proposing to improve overall efficiency and traffic flow at the intersection of Princes Highway and Port Hacking Road, Sylvania. The proposed work is also expected to ease congestion, reduce travel time delay and improve journey time reliability for road users.

This proposal includes:

- widening the westbound side of Princes Highway to increase the length of the three through lanes from 42 metres to 123 metres to ease traffic congestion and improve the consistency of travel times for motorists, particularly during peak hours
- relocating the bus shelter with a new indented bus bay on Princes Highway eastbound
- upgrading traffic signals and signs
- asphaltting and line marking
- relocating lighting and power poles
- adjusting existing utilities

We have included a map to show the location of the proposed intersection improvements.

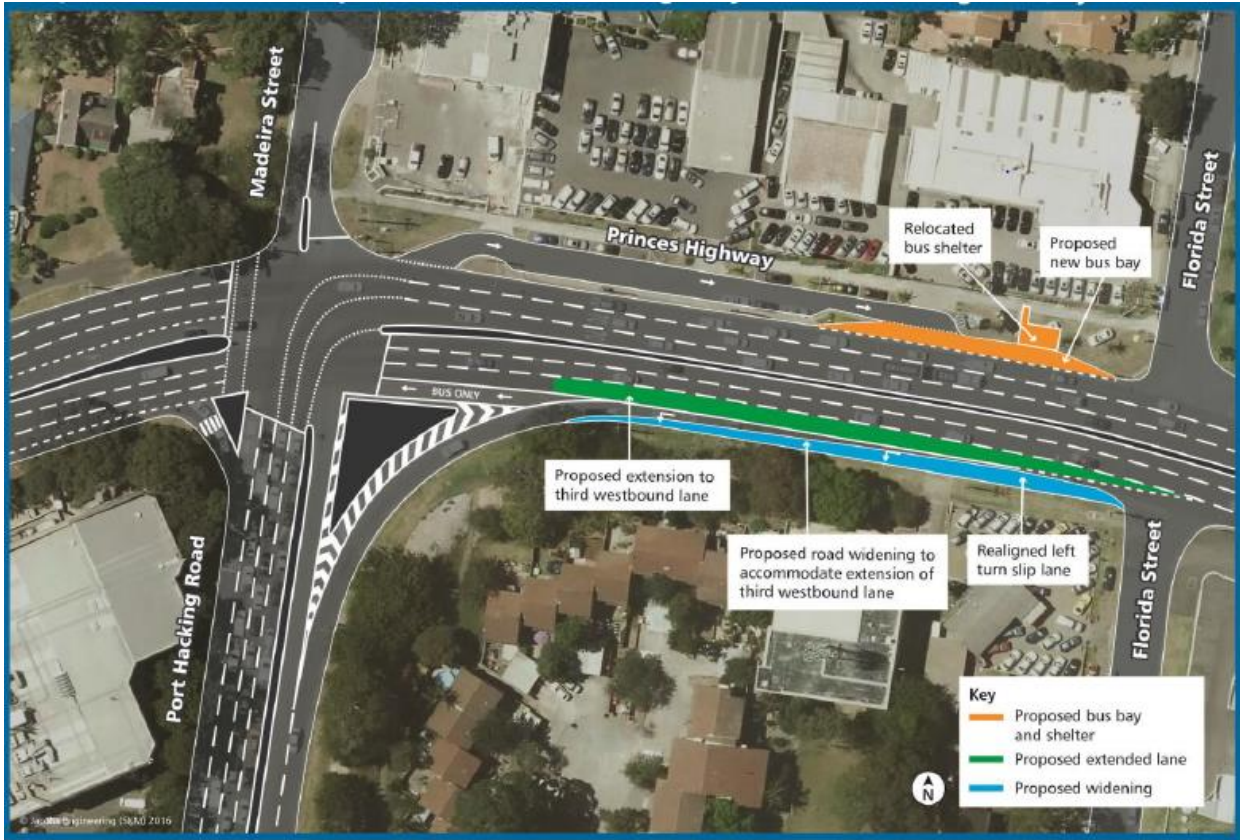


Figure 1- Proposed intersection improvements at Princes Highway and Port Hacking Road, Sylvania

## **2. Consultation approach**

### **2.1. Consultation objectives**

We consulted with the community and key stakeholders on the proposal to:

- Seek comment, feedback, ideas, and suggestions for us to consider when making a decision
- Build a database of interested and concerned community members with whom we can continue to engage during the proposal's development and delivery.

### **2.2. How consultation was done**

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

We distributed 2200 letters (appendix A) to local residents, businesses (Appendix B) inviting feedback on the proposal. Copies were also provided to key stakeholders.

## 3. Consultation summary

### 3.1. Overview

We received feedback from 43 people, with 18 supporting the proposal, 24 not stating a preference and one person who opposed the proposal. The one person who opposed the proposal raised concerns involving:

- the location of bus stops

The 24 people who did not state a preference made comments involving:

- bus stop relocation
- access to and from residential roads
- signal operations
- intersection layout

We thank everyone for considering the proposal and for their 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.

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



**Table 1- Summary of matters raised in submissions and Roads and Maritime's response**

Category	Key matters raised	Roads and Maritime's Response
<p><b>Bus Stop Relocation</b></p> <p>14 comments</p>	<p>I believe the travellers on this road will find this project most acceptable. As one drives through the intersection of the Princes Highway and Port Hacking Road, coming from Tom Ugly's Bridge, going south towards Sutherland, one encounters a bus stop just as one clears the lights, on the Princes Highway. Once a bus stops at this bus stop, it blocks the lane, with many cars held up behind, trying to get around it, from lane one into lane two. I have to say, this is a dangerous manoeuvre and impedes the flow of traffic. Therefore, my suggestion is this, move the bus stop into the small access street to the left, which many times the bus uses, after letting off passengers, placing the bus stop out of the way of the traffic and freeing up the flow.</p> <p>Happy with project but suggest moving the bus stop on the western side of the intersection along Princes Highway to where the road leads into The Crest Hotel</p> <p>It is suggested that you review the possibility of relocating the bus stop on the south side of the intersection to a position of say 40 meters onto the side road.</p> <p>No consideration has been given to the bus stop located on Princes Hwy, 50 metres to the west of the intersection, outside Southgate. As there is no layback for the bus stop, traffic in the gutter lane will still be held up when the bus stops to put down passengers.</p> <p>The proposed eastbound bus bay is also a good idea and long overdue. But what about the desperately needed bus bay down at the shops for the westbound buses coming off the bridge?</p>	<p>Roads and Maritime thank you for this suggestion, and will consider the operation and functionality of the bus stop in the further development of this proposal.</p>

Category	Key matters raised	Roads and Maritime's Response
<p><b>Bus Stop Relocation</b></p> <p>14 comments</p>	<p>Considering relocating or improving the bus stop on Princes Hwy at Southgate shopping centre entry just passed Port Hacking Rd as you heading west on Princes Highway towards Sutherland direction. The busses that cross from the left lane before the cars start moving stop at this bus stop and cause distribution to the traffic therefore causes delay and more congestion at the intersection. It also a safety hazard when cars try to go around the bus.</p> <p>Bus stop outside The Crest Hotel should be removed or moved from currently location.</p> <p>Move the bus bay on located immediately past the Highway/Port Hacking Road heading west.</p> <p>Many thanks for the opportunity to add my suggestion to a project, which I believe the travellers on this road will find most acceptable. The bus stops blocks traffic Princes Highway and Pork Hacking Road when travelling south. Therefore, my suggestion is this, move the bus stop into the small access street to the left.</p> <p>I support the proposed improvements, but offer a suggestion for a further improvement: There is a bus stop located on the southern side of the Princes Highway, west of Port Hacking Road, near the Crest Hotel. Buses stopping there create a hazard for cars heading west, as it is just past the intersection and cars often have to stop suddenly. Also during the afternoon peak, cars caught behind the bus can block the intersection. I believe this to be a safety matter, and would be remedied by an indented bus stop at that location.</p> <p>A suggestion is to replace parking in service lane with Bus Stop, as shopping centre has a large carpark already, and widening of service lane at McDonalds end, and lane marking to identify a lane for the McDonalds drive thru and another for the through traffic such as the buses.</p>	<p>Roads and Maritime thank you for this suggestion, and will consider the operation and functionality of the bus stop in the further development of this proposal.</p>

Category	Key matters raised	Roads and Maritime's Response
<p><b>Bus Stop Relocation</b></p> <p>14 comments</p>	<p>Reconfiguring to three lanes on Princes Hwy South Bound is great, but the bus stop past the lights south bound, outside South Gate, also needs to be relocated into a bus bay. There is plenty of room in that area. The eastbound bus shelter is being moved - but the southbound bus stop also needs to be relocated into a bay. Otherwise creating the three southbound lanes will be of limited value when a bus is blocking the gutter lane anyway, on the south-side of the lights at Princes Hwy and Port hacking Road, outside of Southgate.</p> <p>A suggestion I would make for this sight is to remove the bus stop from The Princes Highway.</p>	<p>Roads and Maritime thank you for this suggestion, and will consider the operation and functionality of the bus stop in the further development of this proposal.</p>
<p><b>Madeira Street</b></p> <p>Seven comments</p>	<p>It is difficult to exit any street adjoining Princes Highway, it is essential that residents should be provided with a safe environment to do so.</p> <p>Cars cannot turn right into Madeira Street from Princes Highway, instead we have to continue along and turn right into Corea Street then do a U-Turn back onto Princes Highway. For several months earlier this year the NO U-TURN sign at the break in the median strip at the entrance to Corea Street was removed and this was of great benefit to us, however, another sign has recently been erected. My question is, how many incidents/accidents happened in the period the sign was not there - to my knowledge none and I question why another sign was erected as it causes congestion in Corea Street.</p> <p>In addition to the vehicle traffic from Madeira Street residences, a large number of people living in nearby Murralin Lane come into the turning circle of Madeira Street and then exit at the lights because they are not able to get across three lanes of peak hour traffic from Murralin Lane.</p> <p>I would like to suggest that when the traffic lights are upgraded at the above referenced intersection, the right turn filter traffic light be reinstated to allow turning from Princess Highway into Madeira Street.</p>	<p>Under this proposal, the existing layout and operation of Madeira Street will be unchanged.</p> <p>Any adjustments to allow for additional time for vehicles to exit and enter Madeira Street would significantly impede the operation of the overall intersection and would increase congestion.</p>

Category	Key matters raised	Roads and Maritime's Response
<p><b>Madeira Street</b></p> <p>Seven comments</p>	<p>Within your proposed improvements can you please include:</p> <ul style="list-style-type: none"> <li>• Modifications to set back the Madeira Street kerb &amp; gutter that allows an additional lane for vehicles to turn left onto the highway.</li> <li>• Installation of a red light camera on Port Hacking Road for the safety of vehicles exiting Madeira Street.</li> </ul> <p>Access out of Madeira Street is very difficult – Roads and Maritime should look into putting signage up and changing the phasing of the traffic lights so traffic in Madeira Street has more time to get out.</p>	<p>Under this proposal, the existing layout and operation of Madeira Street will be unchanged.</p> <p>Any adjustments to allow for additional time for vehicles to exit and enter Madeira Street would significantly impede the operation of the overall intersection and would increase congestion.</p>
<p><b>Signal Operation at the intersection of Princes Highway and Port Hacking Road</b></p> <p>Three comments</p>	<p>The programming of the right hand turn lights from the Highway into Port Hacking Rd needs to be fixed. The right hand turn activates with no cars turning which results in a queue of cars back nearly to Evelyn St waiting unnecessarily which causes further queueing'</p> <p>Update traffic lights signal timing for lights at Princes Highway turning onto Port Hacking Road</p>	<p>The proposed configuration will improve the efficiency and operation of the overall intersection performance and decrease delays.</p> <p>As part of this proposal, new detector loops will be installed in the right turn from Princes Highway; this should eliminate the scenario when a green arrow is activated without a car being present.</p>
<p><b>Signal Operation at adjacent intersections</b></p> <p>One comment</p>	<p>The lights at the intersection of Port Hacking (PH) Rd and Melrose Ave need rephasing. Currently they will stop PH road traffic travelling towards the Highway, when if they were green traffic would also get a green to turn onto the Highway. Usually by the time they turn green, traffic then idles for 2-3 minutes at the Highway waiting for the next green.</p>	<p>As part of the proposal Roads and Maritime Services' Network Operations will review the coordination and offset of the adjacent traffic signals on Port Hacking and Princes Highway.</p>

Category	Key matters raised	Roads and Maritime's Response
<p><b>Princes Highway and Port Hacking Intersection layout</b></p> <p>Two comments</p>	<p>Only comment is can you include some sort of separation between the new left slip lane and the three highway lanes (from where the solid line starts just past Florida St)?</p> <p>The proposed westbound road-widening of the Highway and changes to the left turn slip lane is a good idea. But what happens to the westbound bus in the bus lane when it crosses the intersection and its lane is blocked by the pedestrian island?</p>	<p>The existing configuration of three westbound through lanes and the bus lane on Princes Highway will not change as part of the proposal and the existing pedestrian island on the eastern side of Port Hacking Road is not proposed to be modified. The westbound bus movement will continue to operate as existing, and receive priority at the intersection with a bus only phase ahead of the westbound through movement on Princes Highway.</p> <p>The proposal involves widening of Princes Highway to allow for the extension of the three westbound through lanes on Princes Highway. There will be no conflict between vehicles travelling through the intersection and the pedestrian island.</p>
<p><b>Out of Scope</b></p> <p>12 comments</p>	<p>Might I further suggest that in the course of "line marking", that the current "solid line marking" between the curb side lane and the middle lane along the Princes Hwy, adjacent to the intersection of Mowbray St and the Princes Hwy be extended south to the intersection of the Princes Hwy with Florida St. Extending the solid line marking as suggested will alleviate many potential accidents some of which have been serious.</p> <p>Widening and lengthening the entrance to Southgate Shopping Centre and the provision of more room at the bus stop at this location to improve traffic exiting West from this intersection.</p> <p>I suggest the bus stop closest to Melrose Ave be deleted and only one stop service this area. The stop closest to Princes Hwy is in the designated left turn or bus lane.</p> <p>Can the entrance to Southgate shopping centre be fixed up on the Port Hacking Road side? It is a sharp left hand turn and this access can be improved.</p> <p>Could you please also look at this intersection Box Rd/ Princes Highway. I live on the Esplanade and witness daily multiple near misses and lengthy delays for commuters trying to turn right into the highway to head towards Sutherland.</p>	<p>The Port Hacking Road and Princes Highway intersection was identified as part of the Gateway to South Pinch Point Program which focuses on addressing pinch points on the Princes Highway (A1), King Georges Road (A3) and Heathcote Road (A6) corridors.</p> <p>The purpose of this consultation was to seek feedback on the proposed intersection improvements Port Hacking Road and Princes Highway, Sylvania. Constructing major infrastructure, such as a bridge, tunnel, or F6, addressing other intersections in the area and modifying access to shopping centres is not part of the proposal and considered out of scope for this project. The proposed improvements will help to ease congestion and improve traffic flow in the area.</p> <p>For information regarding the current investigations into the F6 extension we encourage you to visit the website for project information and updates on the progress of the project.</p> <p><a href="http://www.rms.nsw.gov.au/projects/sydney-south/f6-corridor/index.html">http://www.rms.nsw.gov.au/projects/sydney-south/f6-corridor/index.html</a></p>

Category	Key matters raised	Roads and Maritime's Response
<p><b>Out of Scope</b></p> <p>12 comments</p>	<p>My impression on viewing the proposed works is that what is proposed has great merit. Might I further suggest that in the course of "line marking", that the current "solid line marking" between the curb side lane and the middle lane along the Princes Hwy, adjacent to the intersection of Mowbray St and the Princes Hwy be extended south to the intersection of the Princes Hwy with Florida St.</p>	<p>The purpose of this consultation was to seek feedback on the proposed intersection improvements Port Hacking Road and Princes Highway, Sylvania. Constructing major infrastructure, such as a bridge, tunnel, or F6, addressing other intersections in the area and modifying access to shopping centres is not part of the proposal and considered out of scope for this project. The proposed improvements will help to ease congestion and improve traffic flow in the area.</p> <p>For information regarding the current investigations into the F6 extension we encourage you to visit the website for project information and updates on the progress of the project.</p> <p><a href="http://www.rms.nsw.gov.au/projects/sydney-south/f6-corridor/index.html">http://www.rms.nsw.gov.au/projects/sydney-south/f6-corridor/index.html</a></p>
	<p>The small road off the Princess Hwy to access the bottle shop, Southgate and McDonalds needs to be improved.</p>	
	<p>A LEFT TURN ONLY lane is needed eastbound in Parraweena Road to facilitate traffic turning left into Taren Point Road. Finally, if the F6 isn't built pretty soon the Shire is going to end up in gridlock.</p>	
	<p>Flyover at Port Hacking would be ideal as traffic backs up to Tom Ugly's Bridge because of the Port Hacking intersection.</p>	
	<p>Cars travelling north on Port Hacking Road and turning right onto Princes Highway towards Tom Ugly's Bridge are ignoring the AMBER and RED lights.</p>	

## **4. Decision**

We thank everyone who provided comments and the community and stakeholders for considering the proposal.

After considering all responses, along with the proposal's aims and design requirements, we have decided to proceed with proposal with the following changes:

- Investigate possible changes to the operation of the bus stop on the western leg of Princes Highway, outside The Crest Hotel

## **5. Next steps**

We will keep the community updated on the progress of the project and will consult on a construction schedule in late 2017.

Construction is expected to start in early-mid 2018.

## 6. Appendices

### 6.1. Appendix A – ‘Have Your Say’ letter May 2017



May 2017

#### **Have Your Say – Intersection improvements at Princes Highway and Port Hacking Road, Sylvania**

**The NSW Government is funding a proposal as part of its \$300 million Gateway to the South Pinch Points Program which aims to ease congestion and improve journey reliability on Sydney’s key southern corridors.**

Roads and Maritime Services is seeking your feedback by **Monday 5 June 2017** on a proposal to widen Princes Highway to three westbound lanes and relocate the bus shelter on the eastbound side of Princes Highway to allow for three through lanes at all times.

This proposal includes:

- widening the westbound side of Princes Highway to increase the length of the three through lanes from 42 metres to 123 metres
- relocating the bus shelter with a new indented bus bay on Princes Highway eastbound
- upgrading traffic signals and signs
- asphaltting and painting line markings
- relocating lighting and power poles
- adjusting existing utilities.

Benefits would include:

- increased westbound lane capacity on Princes Highway which would reduce vehicle delay times and improve travel time for motorists, particularly during peak hours
- improved safety at the intersection.

We have included a map to show the location of the proposal.

#### **Have your say**

Roads and Maritime welcomes your comments on our proposal by **Monday 5 June 2017**.

Please send your comments to our Project Manager, Kaitlin Reidy, [G2S@rms.nsw.gov.au](mailto:G2S@rms.nsw.gov.au), 0404 893 456 or

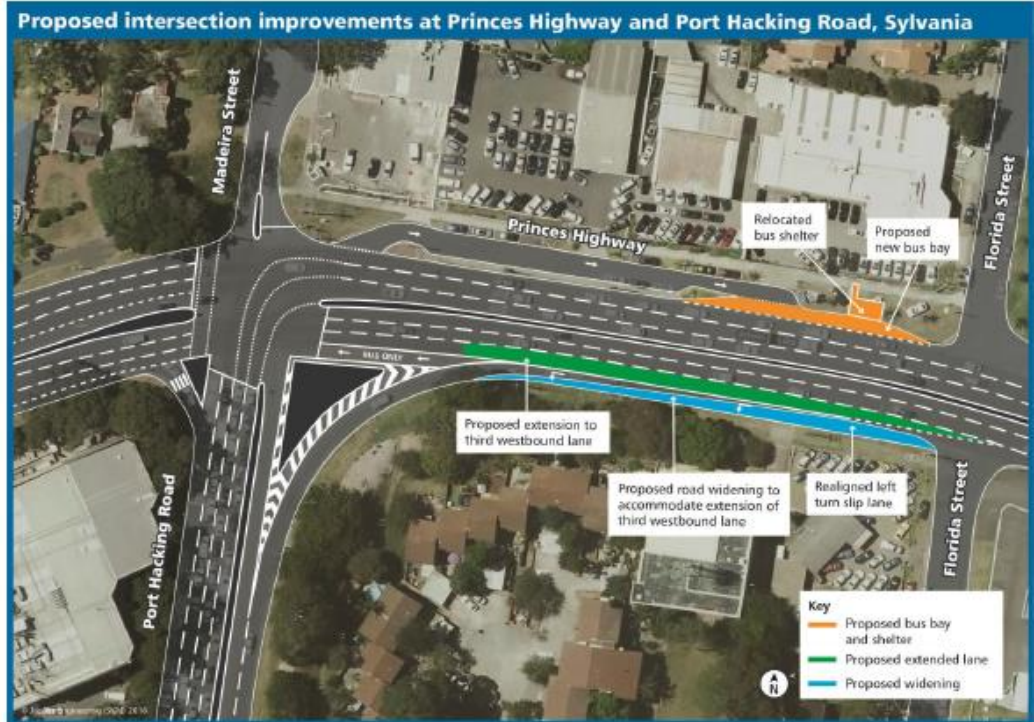
Gateway to the South Pinch Point Program,  
Roads and Maritime Services,  
PO Box 973,  
Parramatta NSW 2124.

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## Next Steps

We will carefully consider all feedback received before deciding to proceed with the proposal. A community consultation report will be prepared, summarising the matters raised and our responses. This will be made available on our website. We will keep you updated as the proposal progresses.



### 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 0404 893 456

#### Arabic

إذا كنتم بحاجة إلى مترجم، الرجاء الاتصال بخدمة الترجمة الخطية والشفهية (TIS National) على الرقم 0404 893 456، والطلب منهم الاتصال بوكالتكم على الرقم **131 450**

#### 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 0404 893 456 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 0404 893 456 联系 Roads and Maritime Services。

#### Greek

Αν χρειάζεστε διαμετρήνα, παρακαλείστε να τηλεφωνήσετε στην Υπηρεσία Μετάφρασης και Διαμετρήσεις (Εθνική Υπηρεσία TIS) στο **131 450** και ζητήστε να τηλεφωνήσουν Roads and Maritime Services στο 0404 893 456

#### 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 0404 893 456

#### Korean

통역사가 필요하시면 번역통역서비스 (TIS National) 에 **131 450** 으로 연락하여 이들에게 0404 893 456 번으로 Roads and Maritime Services 에 전화하도록 요청하십시오.

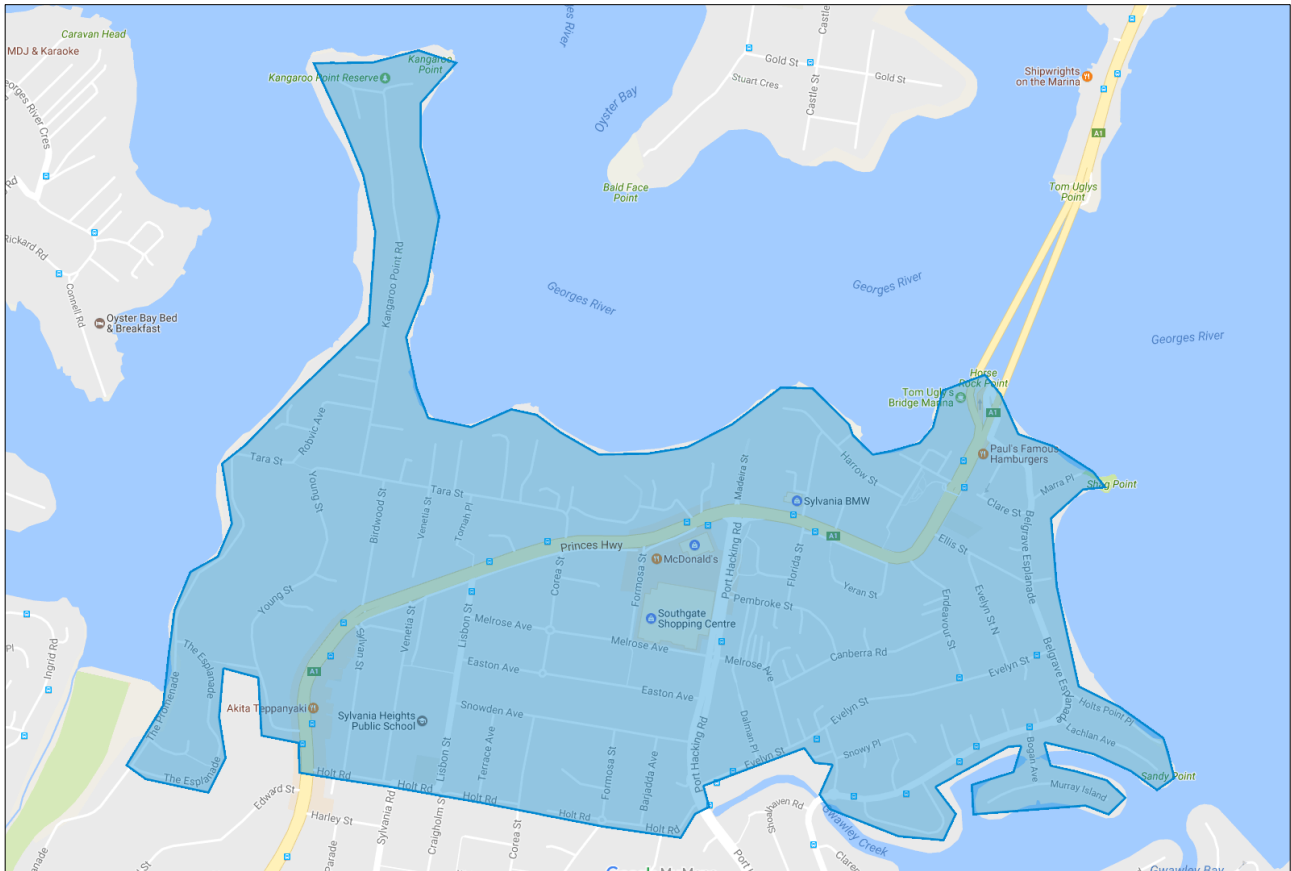
#### Vietnamese

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 0404 893 456



Transport  
Roads & Maritime  
Services

## 6.2. Appendix B – Distribution map





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



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