



Transport
Roads & Maritime
Services

NORTHERN BEACHES HOSPITAL – CONNECTIVITY AND NETWORK ENHANCEMENTS

Community Consultation Report

July 2014

Executive summary

The NSW Government is building the Northern Beaches Hospital, a world class health facility at Frenchs Forest which will utilise leading technologies to deliver the highest quality care. The hospital will provide the people of the Northern Beaches with a modern purpose built facility providing surgical, medical, paediatric, obstetric and inpatient mental health services, a large emergency department and state-of-the-art digital technologies. The facility will also be a centre of clinical excellence. The hospital will be located close to Warringah Road, Forest Way and Wakehurst Parkway which are major arterial roads serving Sydney's northern suburbs.

The NSW Government is planning to deliver road upgrades around the proposed Northern Beaches Hospital with works scheduled to be completed in time for the hospital opening. These upgrades will provide customers with a better travelling experience by car or bus, increase the capacity of the road network and improve access through the precinct.

Roads and Maritime Services is planning and delivering the road upgrades in two stages:

- Stage one will provide essential access for the Northern Beaches Hospital and is known as the 'Hospital Connectivity Work'
- Stage two of the road upgrades will help increase capacity of the road network and reduce congestion and is known as the 'Network Enhancement Work'.

Project detail

The road upgrades to support the new Northern Beaches Hospital aim to:

- Provide a road network solution that facilitates efficient traffic access movements to and from the proposed Northern Beaches Hospital
- Allow for long term network performance and support Warringah Road and Wakehurst Parkway as a key arterial connection between the beachside suburbs of Sydney's north and Chatswood and Sydney's Central Business District.

The key features of the road upgrades for stage one include:

- Widening and intersection upgrades along sections of Forest Way between Warringah Road and south of Adams Street to include an additional right turn bay from Forest Way into Naree Road
- Upgrading the existing bus zone fronting the Forest Way shopping centre on Forest Way to allow two buses to stop within the bay
- Widening of Naree Road/Frenchs Forest Road West from two to four lanes
- Widening of Frenchs Forest Road East from Wakehurst Parkway to Allambie Road from two lanes to four lanes
- New traffic lights with signalised pedestrian crossing at the intersections of:
 - Forest Way and Naree Road
 - Naree Road, Rabbett Street and Frenchs Forest Road West
 - Frenchs Forest Road West and the new main access to the hospital opposite Gladys Avenue
 - Frenchs Forest Road East and Romford Road
 - Frenchs Forest Road East, Patanga Road and Allambie Road
- Widening and upgrading the intersection of Frenchs Forest Road West and East with Wakehurst Parkway
- Widening of Wakehurst Parkway from about 450 metres north of the intersection with Frenchs Forest Road West and East to the intersection with Warringah Road
- New bus priority lanes along approaches and departures to the Frenchs Forest Road West and East intersection with Wakehurst Parkway
- Widening of Allambie Road to the north of the intersection with Warringah Road to include additional turning lanes into Frenchs Forest Road East from Allambie Road

- Widening and upgrading the intersection of Warringah Road and Allambie Road to include an additional right turn lane into Allambie Road from Warringah Road
- Widening of Warringah Road about 500 metres east of the intersection with Allambie Road up to Courtley Street
- New traffic lights, to be triggered by buses only, to enable buses to cross the eastbound lanes of Warringah Road to enter Frenchs Forest Road East from the median lane on Warringah Road in the westbound direction
- A left-in and left-out access on Warringah Road opposite Hilmer Street to provide an additional access point to the hospital.

The proposed key features of the road upgrades for stage two include:

- Widening and upgrading of Warringah Road from west of Fitzpatrick Avenue to west of Allambie Road including:
 - An underpass for eastbound and westbound through traffic extending from west of Forest Way to east of Wakehurst Parkway and at the intersections with Forest Way, Hilmer Street and Wakehurst Parkway
 - Eastbound and westbound travel lanes at surface level on either side of the underpass
 - A new pedestrian overbridge near Hilmer Street
 - Removal and replacement of the existing pedestrian overbridge west of Forest Way
- Connecting Aquatic Drive with Wakehurst Parkway
- Widening and upgrading along sections of Wakehurst Parkway between Warringah Road and south of Aquatic Drive
- Widening and upgrading Allambie Road from Warringah Road to Rodborough Road
- Modifying the existing traffic lights at Hilmer Street to include the hospital access as a four-way intersection.

What was consulted on

Roads and Maritime commenced consultation for the Northern Beaches Hospital road upgrades for both stages one and two in March 2014. The purpose of the community consultation process was to:

- Inform the community of the status of the project
- Seek comment, feedback, ideas and suggestions from the community to be considered when developing the proposal
- Build a database of interested and concerned community members who Roads and Maritime can continue to engage with during the development of the proposal.

Community response

Generally traffic congestion was the main issue mentioned by the Northern Beaches community during the early consultation phase. The general tone was the congestion issues needed to be remedied if the hospital was to function effectively. While the vast majority of general comments referred to heavy traffic 'congestion' in the Northern Beaches area without naming a specific location, others were specific about the location and the cause of this congestion. If a specific road/street was named, that location was noted.

The decision

Specific concerns are highlighted in Section 3 and a response from Roads and Maritime is provided. Roads and Maritime has highlighted where the designs have changed as a result of the early consultation, particularly for stage one of the project.

Next steps

The NSW Government is planning to deliver road upgrades around the proposed Northern Beaches Hospital with works scheduled to be completed in time for the hospital opening. These upgrades will provide customers with a better travelling experience by car or bus, increase the capacity of the road network and improve access through the precinct. Roads and Maritime is delivering the road upgrades in two stages:

- Stage one will provide essential access for the Northern Beaches Hospital
- Stage two will help increase capacity of the road network and reduce congestion.

Roads and Maritime has developed a concept design for stage one and a schematic layout for stage two and will seek feedback from the community in July 2014.

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1.0 Introduction

1.1 Background

The NSW Government is building the Northern Beaches Hospital, a world class health facility at Frenchs Forest which will utilise leading technologies to deliver the highest quality care. The hospital will provide the people of the Northern Beaches with a modern purpose built facility providing surgical, medical, paediatric, obstetric and inpatient mental health services, a large emergency department and state-of-the-art digital technologies. The facility will also be a centre of clinical excellence.

The hospital will be located close to Warringah Road, Forest Way and Wakehurst Parkway which are major arterial roads serving Sydney's northern suburbs.

The NSW Government is planning to deliver road upgrades around the proposed Northern Beaches Hospital with works scheduled to be completed in time for the hospital opening. These upgrades will provide customers with a better travelling experience by car or bus, increase the capacity of the road network and improve access through the precinct.

Roads and Maritime Services is planning and delivering the road upgrades in two stages:

- Stage one will provide essential access for the Northern Beaches Hospital and is known as the 'Hospital Connectivity Work'
- Stage two will help increase capacity of the road network and reduce congestion and is known as the 'Network Enhancement Work'.

1.2 The proposal

The road upgrades to support the new Northern Beaches Hospital aim to:

- Provide a road network solution that facilitates efficient traffic access movements to and from the proposed Northern Beaches Hospital
- Allow for long term network performance and support Warringah Road and Wakehurst Parkway as a key arterial connection between the beachside suburbs of Sydney's north and Chatswood and Sydney's Central Business District.

The key features of the road upgrades for stage one include:

- Widening and intersection upgrades along sections of Forest Way between Warringah Road and south of Adams Street to include an additional right turn bay from Forest Way into Naree Road
- Upgrading the existing bus zone fronting the Forest Way shopping centre on Forest Way to allow two buses to stop within the bay
- Widening of Naree Road/Frenchs Forest Road West from two to four lanes
- Widening of Frenchs Forest Road East from Wakehurst Parkway to Allambie Road from two lanes to four lanes
- New traffic lights with signalised pedestrian crossing at the intersections of:
 - Forest Way and Naree Road
 - Naree Road, Rabbett Street and Frenchs Forest Road West
 - Frenchs Forest Road West and the new main access to the hospital opposite Gladys Avenue
 - Frenchs Forest Road East and Romford Road
 - Frenchs Forest Road East, Patanga Road and Allambie Road
- Widening and upgrading the intersection of Frenchs Forest Road West and East with Wakehurst Parkway
- Widening of Wakehurst Parkway from about 450 metres north of the intersection with Frenchs Forest Road West and East to the intersection with Warringah Road

- New bus priority lanes along approaches and departures to the Frenchs Forest Road West and East intersection with Wakehurst Parkway
- Widening of Allambie Road to the north of the intersection with Warringah Road to include additional turning lanes into Frenchs Forest Road East from Allambie Road
- Widening and upgrading the intersection of Warringah Road and Allambie Road to include an additional right turn lane into Allambie Road from Warringah Road
- Widening of Warringah Road about 500 metres east of the intersection with Allambie Road up to Courtley Street
- New traffic lights, to be triggered by buses only, to enable buses to cross the eastbound lanes of Warringah Road to enter Frenchs Forest Road East from the median lane on Warringah Road in the westbound direction
- A left-in and left-out access on Warringah Road opposite Hilmer Street to provide an additional access point to the hospital.

The proposed key features of the road upgrades for stage two include:

- Widening and upgrading of Warringah Road from west of Fitzpatrick Avenue to west of Allambie Road including:
 - An underpass for eastbound and westbound through traffic extending from west of Forest Way to east of Wakehurst Parkway and at the intersections with Forest Way, Hilmer Street and Wakehurst Parkway
 - Eastbound and westbound travel lanes at surface level on either side of the underpass
 - A new pedestrian overbridge near Hilmer Street
 - Removal and replacement of the existing pedestrian overbridge west of Forest Way
- Connecting Aquatic Drive with Wakehurst Parkway
- Widening and upgrading along sections of Wakehurst Parkway between Warringah Road and south of Aquatic Drive
- Widening and upgrading Allambie Road from Warringah Road to Rodborough Road
- Modifying the existing traffic lights at Hilmer Street to include the hospital access as a four-way intersection.

2.0 Consultation approach

2.1 Consultation objectives

Roads and Maritime commenced early consultation for the Northern Beaches Hospital road upgrades from 14 March 2014 to 30 May 2014. The purpose of the community consultation process was to:

- Inform the community of the status of the project
- Seek comment, feedback, ideas and suggestions from the community to be considered when developing the proposal
- Build a database of interested and concerned community members who Roads and Maritime can continue to engage with during the development of the proposal.

2.2 How consultation was done

Community members were encouraged to provide their feedback, leave comments and make submissions at the information sessions or via mail, email or phone contact with the project manager. The community could contact Roads and Maritime and leave comments and submissions by:

In Person	At community information sessions
Email	nbhroadwork@rms.nsw.gov.au
Phone	1300 367 561
Mail	Roads and Maritime Services PO Box 973 Parramatta CBD NSW 2124

The consultation tools and activities included:

Local media newspaper advertisements	The consultation and community information sessions were advertised in the Manly Daily on 4, 5, 8, 11 and 12 April 2014.
Community update newsletter	Three printed community updates were published and distributed. The first announcing the start of the early consultation. The second announcing the dates for the information sessions, with a reminder flyer distributed for the final session. The community updates were distributed to around 20,000 residents and businesses within the broader Northern Beaches community and were published on the Roads and Maritime website.
Webpage	The project webpage included the community updates, information on the community information sessions and links to Planning and Environment's website to view the State Significant Infrastructure application.
Information sessions	<p>Three community information sessions were held during the early consultation phase for the Northern Beaches Hospital road upgrades. An open invitation was extended to the Northern Beaches community to the three community information sessions which were held on:</p> <ul style="list-style-type: none">• Tuesday 8 April, 4pm to 8pm, Frenchs Forest Public School• Wednesday 9 April, 4pm to 8pm, Frenchs Forest Public School• Saturday 12 April, 10am to 2pm, Forestville Memorial Hall. <p>The information sessions provided local residents with the opportunity to speak with the project team as well as representatives</p>

from other invited key stakeholders. The sessions attracted about 700 members of the public.

Stakeholder briefings

Roads and Maritime held meetings with key stakeholders about the Northern Beaches Hospital road upgrades and potential impacts. Directly affected property and business owners were doorknocked from 14-18 March 2014 during the early consultation phase.

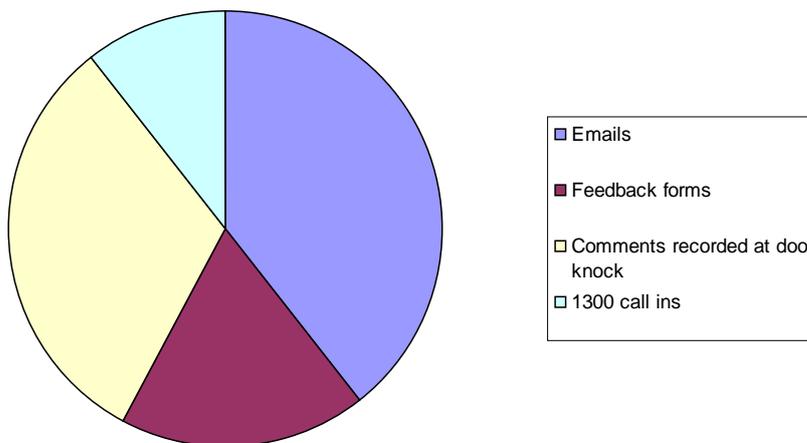
2.3 Community response

During the consultation period, the overall response received by Roads and Maritime included:

- Over 1,000 stakeholders registered to receive further project information
- 90 written submissions
- Over 100 phone calls
- More than 50 email responses
- Around 700 people attended the community information sessions
- Around 500 residents and businesses were door knocked.

The pie chart below displays the most popular methods used for contacting the project team.

Feedback methods



3.0 Consultation report

3.1 Overview

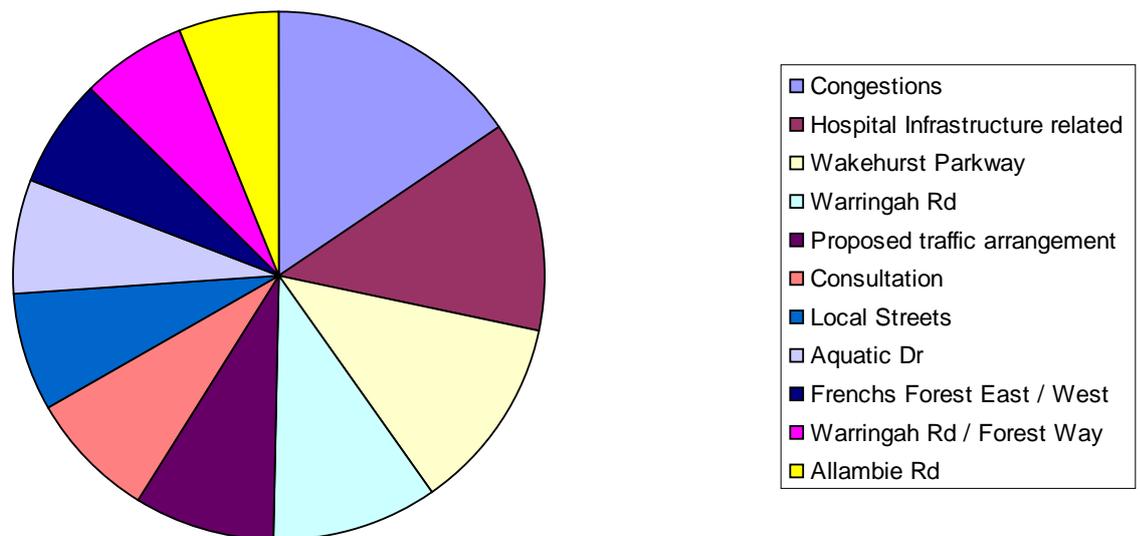
Generally traffic congestion was the main issue mentioned by the Northern Beaches community during the early consultation phase. The general tone was the congestion issue needed to be remedied if the hospital was to function effectively.

While the vast majority of general comments referred to heavy traffic 'congestion' in the Northern Beaches area without naming a specific location, others were specific about the location and the cause of this congestion. If a specific road/street was named, that location was noted.

The pie chart below summarises the top 11 concerns mentioned by the Northern Beaches community during the early consultation phase. Following traffic congestion, the community were concerned about the impact of the proposed hospital and its location.

The main concerns are summarised in Table 1 below.

Top 11 'mentions' during community consultation



3.2 Feedback summary and Roads and Maritime response

Issue category	Issues raised	Roads and Maritime response
Property	<p>What potential property (strip or full) acquisitions will occur along Frenchs Forest Road, Warringah Road and in the proximity of the retail area adjacent to and between Bantry Bay Road and Hilmer Street?</p>	<p>The road widening proposed on Naree Road and Frenchs Forest Road West from Forest Way to the Forest High School would be contained within the road boundaries. Strips of land along the frontage of the school and the hospital site on Frenchs Forest Road West would be required for road widening purposes. Additional strips along the southern side of Frenchs Forest Road East between Wakehurst Parkway and Skyline Place would be required for intersection improvement works. However, it should be noted that there would be a need to adjust driveway to properties to suit the new road levels and these works would be undertaken by Roads and Maritime with owners consent at no cost to property owners.</p> <p>The proposed road upgrades along Warringah Road as part of stage two of the project are still in the early stages of development. The strategic design currently identified for stage two does indicate that there will be an impact to some properties on the southern side of Warringah Road around the Bantry Bay Road and Hilmer Street area. Further details of this will be provided as part of the next stage of community consultation planned in July 2014.</p>
	<p>What effect will the road upgrades have on property values where no property adjustments are made?</p>	<p>If a property is adjacent to a new or upgraded road, Roads and Maritime will identify potential impacts as part of the Environmental Impact Assessment and would seek to avoid or minimise impacts where possible. Influence by external factors on property values is expected to far outweigh any perceived or actual impact on property values as a result of road upgrades.</p>

Issue category	Issues raised	Roads and Maritime response
Pedestrians and cyclists	Replace the pedestrian crossing at Hilmer Street/Warringah Road with a pedestrian bridge.	A new pedestrian overbridge is being considered as part of stage two. The pedestrian overbridge would reduce traffic conflicts, improve safety and assist movement of through traffic. It would also provide a link between the hospital and the Forest High School to the north of Warringah Road and residents to the south of Warringah Road.
	Provide a new pedestrian bridge across Warringah Road at Maxwell Parade to provide access to an existing bus stop on Warringah Road for residents of the Bantry Bay precinct.	The existing pedestrian bridge located at the Warringah Road and Forest Way intersection provides a safe crossing of Warringah Road for residents in the Bantry Bay precinct. The pedestrian bridge would be upgraded as part of the stage two road upgrades to accommodate the new intersection. An additional pedestrian bridge at Maxwell Parade is not needed.
	Replace the pedestrian crossing on Forest Way near the Forest Way Shopping Centre with a pedestrian bridge.	Roads and Maritime is investigating this option as part of the stage two road upgrades.
	Install a pedestrian bridge at the intersection of Forest Way and Warringah Road to improve traffic flow.	Roads and Maritime is investigating this work as part of the stage two road upgrades.
	Install a pedestrian bridge at the intersection of Starkey Street and Warringah Road.	Roads and Maritime is investigating this work as part of the Starkey Street intersection improvement work which is separate to this project.
	Long pedestrian ramps are too difficult for the mobility impaired to manage and a combination of lifts and stairs were preferred. There was also a request for pedestrian bridges to be 'graceful' in design.	The particular design and layout of the proposed pedestrian overbridges will be determined in future design development stages. The availability of space will often determine the type of access to be provided e.g. ramps or lifts and stairs. Urban design is an important element of the design development process and this will be considered and applied during all stages of the design development across the whole project. It is also a key input into the environmental assessment and approval process.
	Request a shared user path along Frenchs Forest Road	A shared path consistent with Warringah Council Bike Plan would be provided along Warringah Road as part of the stage two road upgrades.
	Prevent all vehicles (apart from emergency vehicles) turning left from Forest Way onto local roads when heading south.	It is not the intent of the proposal to restrict access unnecessarily to local roads from Forest Way.
	What provisions will be made for cyclists?	Roads and Maritime is committed to integrating the project with Warringah Council's overarching local bike plan. The local bike plan focuses on Warringah Road and will be developed during the stage two road upgrades.

Issue category	Issues raised	Roads and Maritime response
Public transport	Extend the bus interchange on Forest Way near Rabbett Street by 25 metres as buses are queued back and impede traffic flow.	There is no proposal to extend the bus interchange on Forest Way as part of the Northern Beaches Hospital road upgrades.
	Provide a bus stop at Bantry Bay shops	Roads and Maritime is investigating this work as part of the stage two road upgrades.
	Remove bus jump start at Forest Way and Warringah Road intersection and replace with a green signal for all vehicles turning right onto Warringah Road.	Roads and Maritime is investigating this work as part of the stage two road upgrades.
	Relocate the bus stop in Starkey Street about nine metres south to allow delivery trucks to access the supermarket.	Roads and Maritime is investigating this work as part of the Starkey Street intersection improvement work which is separate to this project.
	Provide bus bays on Frenchs Forest Road and Warringah Road to improve traffic flow	In addition to bus priority measures shown on the concept plans for stage one road upgrades, Roads and Maritime investigated what additional measures could be put in place to further improve bus travel times along French Forest Road East and West. It has been concluded that indented bus bays along Frenchs Forest Road are not warranted. For stage two of the project the design development is not yet at level of detail to identify particular infrastructure that may be provided for buses. However the strategic design does have the capability to cater for road based public transport, in particular along the Warringah Road surface roads either side of the proposed underpass.
	Provide a priority bus lane into the hospital.	Bus priority measures are proposed along Frenchs Forest Road East and West as part of the stage one road upgrades. A concept design for the stage one road upgrades will go on display in July 2014 for public comment.
	Provide a bus stop at Bantry Bay shops.	For stage two of the project the design development is not yet at level of detail to identify particular infrastructure that may be provided for buses. However the strategic design does have the capability to cater for road based public transport, in particular along the Warringah road surface roads either side of the proposed underpass.

Issue category	Issues raised	Roads and Maritime response
	What provisions will be made for buses and or light or heavy rail to improve the travel journeys to Chatswood, Sydney CBD, Dee Why, Mona Vale and Manly.	Transport for NSW (TfNSW) is responsible for the development of the bus network strategy for the Northern Beaches area and this considers the needs of the proposed hospital and the changing needs of the local area. Roads and Maritime is working closely with TfNSW to ensure the proposed road upgrades integrate with the requirements of the bus network strategy and that the required facilities necessary to support the bus network strategy are considered and provided.
	What provisions will be made for park and ride facilities?	Roads and Maritime is working closely with TfNSW to understand the needs for bus services and associated facilities to support the Sydney's Bus Future and the Northern Beaches Hospital Transport Action Plan. Details in relation to park and ride facilities are not known at this stage and may be considered as part of the design development process, particularly for stage two.
	What provision will be made for dedicated bus lanes, increased frequency and express services to remove vehicles from the road network?	TfNSW is responsible for the development of the bus network strategy for the Northern Beaches area and this considers the needs of the proposed hospital and the changing needs of the local area. Roads and Maritime is working closely with TfNSW to ensure the proposed road upgrades integrate with the requirements of the Sydney's Bus Future and the Northern Beaches Hospital Transport Action Plan and that the required facilities necessary to support the bus network strategy are considered and provided.
	Provide a 24/7 community bus to take people to and from the hospital in a circuit linking to other facilities in the precinct to alleviate local street parking pressures.	Community bus services that are in addition to the local and suburban services provided by TfNSW are a matter for the local council and Health Infrastructure's consideration.
	The bus stop at the corner of Warringah Road and Starkey Street in Forestville is dangerous as it is a left turn lane which sometimes leads to cars turning in front of buses when the bus is about to depart.	Roads and Maritime is investigating this work as part of the Starkey Street intersection improvement work which is separate to this project.
	Relocate bus stop in Starkey Street 10 yards south to allow delivery trucks to gain access behind Coles. Delivery trucks currently unload on Starkey Street which leads to traffic queues building up to the east.	Roads and Maritime is investigating this work as part of the Starkey Street intersection improvement work which is separate to this project.

Issue category	Issues raised	Roads and Maritime response
Parking	Request three hour parking limits on local streets during business hours and the provision of parking permits for residents.	This is to be investigated in consultation with Warringah Council.
	Concerned about the loss of on-street parking on Frenchs Forest Road and the impacts to the side streets running off Frenchs Forest Road as part of the proposed road upgrades.	Roads and Maritime will work closely with both Health Infrastructure and Warringah Council to establish what the parking demands in the side streets is likely to be following changes to parking on Frenchs Forest Road East and West as a result of the road widening proposal of the stage one road upgrades. Parking surveys are currently underway to ensure Roads and Maritime has an understanding of the current demand for on-street parking. The survey results would then be used to assess changed demand following the proposed road widening and the opening of the hospital. However, on-street parking provisions and management is the responsibility of Warringah Council. Issues in relation to on-site parking provisions proposed for within the hospital site is a matter that should be clarified by Health Infrastructure.
	Request Frenchs Forest Road is widened to the south between Frenchs Forest Police Station and Wakehurst Parkway to provide parallel parking for hospital staff and visitors and reduce the amount of parking on local roads.	There is no proposal to provide on street parking for hospital staff and visitors. Parking for staff and visitors to the hospital will need to be provided within the new hospital site.
	What parking will be available to businesses located at the Patanga Road shops when the intersection is upgraded?	Roads and Maritime is investigating purchasing an adjacent vacant block and converting into a parking lot to compensate for the loss of on-street parking.
	Concerned about parking provisions at the Skyline Business Park when the on-street parking is removed along Frenchs Forest Road East as part of the proposed road upgrades.	Roads and Maritime will work closely with Warringah Council to establish what the parking demands on the side streets are likely to be following changes to parking on Frenchs Forest Road East and West as a result of the road widening proposal of the stage one road upgrades. Parking surveys are currently underway to ensure Roads and Maritime has an understanding of the current demand for on-street parking. The survey results would then be used to assess changed demand following the proposed road widening. However, on-street parking provisions and management is the responsibility of Warringah Council.

Issue category	Issues raised	Roads and Maritime response
	<p>Concerned about parking availability during events at the Forest High School and school pick up and drop off times when the on-street parking is removed on Frenchs Forest Road West as part of the proposed road upgrades.</p>	<p>Roads and Maritime will work closely with both Health Infrastructure and Warringah Council to establish what the parking demands in the side streets is likely to be following changes to parking on Frenchs Forest Road East and West as a result of the road widening proposal of the stage one road upgrades. Parking surveys are currently underway to ensure Roads and Maritime has an understanding of the current demand for on-street parking so we can then assess changed demand following the proposed road widening and the opening of the hospital. However, on-street parking provisions and management is the responsibility of Warringah Council. Roads and Maritime is also working closely with the Forest High School to see if additional parking within the school grounds can be provided.</p>

Issue category	Issues raised	Roads and Maritime response
Traffic congestion	Install new traffic lights at the intersection of Romford Road and Frenchs Forest Road East to improve access onto Frenchs Forest Road East.	As part of the proposal for the stage one road upgrades, there would be access restrictions placed on Nandi Avenue and Patanga Road. Therefore, new traffic lights will be provided at the intersection of French Forest Road and Romford Road as an alternate access point to and from Frenchs Forest Road.
	Widening Frenchs Forest Road from two lanes to four lanes will encourage more rat running in the local streets.	The project objective is to reduce congestion on the arterial roads, particularly Warringah Road, Wakehurst Parkway and Forest Way. Hence, some significant engineering treatments are being proposed by Roads and Maritime. The upgrades would improve travel times and reliability along the arterial roads which would encourage motorists to use them rather than rat running along local roads. New traffic lights at the intersections of Frenchs Forest Road West and Rabbett Street, as well as Frenchs Forest Road East and Romford Road and Patanga Road, may have the desired effect of reducing rat running.
	Install a roundabout rather than traffic lights for the hospital main entrance on Frenchs Forest Road East. A roundabout would provide a better traffic solution than traffic lights.	The construction footprint for a two-lane roundabout would be substantially larger than traffic lights. A roundabout would result in significantly more property impacts and property acquisition.
	Propose an ambulance only traffic signal is installed at the Wakehurst Parkway and Frenchs Forest Road intersection to allow emergency vehicle access to the hospital.	The proposal needs to cater for not only emergency vehicle access but also general traffic to enter the hospital precinct from the north via Wakehurst Parkway.
	Install a roundabout rather than traffic lights at the Patanga Road and Frenchs Forest Road East intersection.	The construction footprint for a two-lane roundabout would be substantially larger than traffic lights. A roundabout would result in significantly more property impacts and property acquisition.
	Widen the roundabout at the Allambie Road South and Rodborough Road intersection or replace roundabout with traffic lights to improve traffic flow.	The strategic design prepared for the stage two road upgrades would retain the roundabout at this location from a traffic management point of view. Further investigation would be carried out to finalise the extent and scope of work required on Allambie Road and Rodborough Road to support the stage two road upgrades.
	Remove the right turn lane from Warringah Road into Allambie Road.	The proposal enhances right turn movements into Allambie Road from both directions on Warringah Road to cater for projected traffic demand in the future.
	Change phasing of the traffic lights on Allambie Road.	Traffic light phasing would be investigated during detailed design taking into account the road widening works proposed at this location under both stages.

Issue category	Issues raised	Roads and Maritime response
	Install new traffic lights at the Russell Avenue and Forest Way intersection.	As part of the proposal, access to Russell Avenue from Forest Way would be improved by providing a right turn bay on Forest Way. There is no proposal to introduce another set of traffic lights at this location in close proximity to the proposed new traffic lights at the Forest Way and Naree Road intersection. It should be noted the current access restriction on Russell Avenue for turning right on to Forest Way in the morning peak would be retained.
	Install a two-lane roundabout instead of traffic lights at the Patanga Road and Frenchs Forest Road East intersection. Traffic lights will impede traffic flow.	The construction footprint for a two-lane roundabout would be substantially larger than traffic lights. A roundabout would result in significantly more property impacts and property acquisition.
	Request clear zone is kept in place and lengthened opposite the hospital site Frenchs Forest Road West.	Detailed traffic management measures are to be considered further in the detailed design for the proposal. It is more than likely the existing clear zone restrictions at this location would be retained.
	Provide a slip lane on Warringah Road from Forest Way to the hospital site.	A slip lane into the hospital site would require widening of Warringah Road over a distance of 500 metres. A left-in and left-out access would be provided on Warringah Road to access the hospital site and further consideration and enhancement of access to the hospital off Warringah Road would be considered as part of the stage two road upgrades.
	Replace the roundabout at the Frenchs Forest Road West, Rabbett Street and Naree Road intersection with a give way sign on Rabbett Street. This will improve traffic flow on Naree Road and Frenchs Forest Road West.	The roundabout would be replaced with new traffic lights which is a safer option.
	Grade separation of Wakehurst Parkway by way of an underpass at Frenchs Forest Road	Warringah Road between Forest Way and Wakehurst Parkway carries on average approximately 80,000 vehicles per day and this is approximately three times the traffic carried by Wakehurst Parkway in the vicinity of Frenchs Forest Road. There is also a heavy demand for turning movements in and out of Forest Way and Wakehurst Parkway south off Warringah Road that impedes the through traffic movements on Warringah Road in both directions. Therefore, in order to relieve traffic congestion, grade separation of Warringah Road through traffic by way of an underpass takes priority over any other grade separation proposal.

Issue category	Issues raised	Roads and Maritime response
	Remove school zone on Warringah Road to improve traffic flow.	Roads and Maritime is investigating this work as part of the stage two road upgrades.
	Connect Fitzpatrick East with West by way of a grade separation over Warringah Road.	The connection of Fitzpatrick Road East and West by way of a grade separation over Warringah Road is unlikely to form part of the scope of works. Warringah Road between Forest Way and Wakehurst Parkway carries on average approximately 80,000 vehicles per day. Therefore, in order to relieve traffic congestion, grade separation of Warringah Road through traffic by way of an underpass takes priority over any other grade separation proposal.
	Limit right turn movements from Wakehurst Parkway onto Frenchs Forest Road West to emergency vehicles and tow trucks during peak periods and to all other vehicles outside of peak times.	The proposal needs to cater for not only emergency vehicle access but also general traffic to enter the hospital precinct from the north via Wakehurst Parkway
	Motorists on Wakehurst Parkway wishing to enter Frenchs Forest Road to head west do so by illegally jumping into 'the 'Keep Clear' zone so as to bypass other motorists queued up.	Roads and Maritime is also planning to extend the southbound left turn lane on Wakehurst Parkway into Frenchs Forest Road East to improve traffic flow and safety for all road users. Roads and Maritime sought feedback on this proposal in early 2014.
	Residents living north of Frenchs Forest Road East feel that the problems created by rat runners has not been adequately addressed and ask that Roads and Maritime examine a new mid-block or X-intersection set of traffic lights somewhere along Frenchs Forest Road between Patanga Road and Wakehurst Parkway.	Based on the feedback received during the early consultation process, an additional set of traffic lights is being planned at Romford Road and Frenchs Forest Road as part of the stage one road upgrades.
	The proposed road upgrades will do nothing to address the local rat running in the local streets off Frenchs Forest Road East and West. Rat running creates lengthy queuing and extensive delays.	The project objective is to reduce congestion on the arterial roads, particularly Warringah Road, Wakehurst Parkway and Forest Way. Hence, some significant engineering treatments are being proposed by Roads and Maritime. The upgrades would improve travel times and reliability along the arterial roads which would encourage motorists to use them rather than rat running along local roads. New traffic lights at the intersections of Frenchs Forest Road West and Rabbett Street, as well as Frenchs Forest Road East and Romford Road and Patanga Road, may have the desired effect of reducing rat running.

Issue category	Issues raised	Roads and Maritime response
	Reinstating the right turn movement into Frenchs Forest Road East from Wakehurst Parkway will only encourage more rat running.	The right turn from Wakehurst Parkway into Frenchs Forest Road is required to allow ambulances and general traffic to access the hospital via the main access and ambulance access to be provided on Frenchs Forest Road.
	If grade separation was not an option, there was a request to extend the left turn lane out of Frenchs Forest Road on to Wakehurst Parkway and improve all approaches to this intersection in general.	The intersection of Wakehurst Parkway and Frenchs Forest Road would be upgraded as part of the stage one road upgrades. A concept design for the stage one road upgrades will go on display in July 2014 for public comment.
	Many local residents, particularly those close to the hospital site strongly believe Frenchs Forest Road is unsuitable as the hospital's main entry as the road was simply too narrow to accommodate four lanes of traffic.	The location of the hospital entrance is a matter for Health Infrastructure to clarify. Enquiries related directly to the hospital should be directed to NorthernBeaches.Enquiries@hinfra.health.nsw.gov.au.
	Residents living in side streets are concerned the proposed road treatments along Frenchs Forest Road will increase traffic levels leading to even lengthier delays as they attempt to exit their streets to get onto Frenchs Forest Road East and West.	The project objective is to reduce congestion on the arterial roads, particularly Warringah Road, Wakehurst Parkway and Forest Way, and some significant engineering treatments are being proposed by Roads and Maritime. The upgrades would improve travel times and reliability along the arterial roads which would encourage motorists to use them rather than 'rat run' along local roads. New traffic lights at the intersections of Frenchs Forest Road West and Rabbett Street, as well as Frenchs Forest Road East and Romford Road and Patanga Road, may have the desired effect of reducing rat running.
	Connect Aquatic Drive through to Fitzpatrick Avenue to alleviate traffic coming up through the Allambie Road industrial park.	Roads and Maritime is investigating this work as part of the stage two road upgrades. At this stage of the design development the strategic design has identified a new connection at Aquatic Drive and Wakehurst Parkway however there are no works proposed at Fitzpatrick Avenue East and Wakehurst Parkway.
	The quiet residential area of Fitzpatrick Avenue, Karingal Crescent, Bantry Bay Road and surrounding streets is unique and should not be subject to regional through traffic and should remain for local use only. Do not connect Fitzpatrick Avenue with Wakehurst Parkway.	Roads and Maritime is investigating this work as part of the stage two road upgrades. At this stage of the design development the strategic design has identified that a connection at Fitzpatrick Avenue East and Wakehurst is not required and there are no works proposed at this location.

Issue category	Issues raised	Roads and Maritime response
	Connect Aquatic Drive with Wakehurst Parkway.	Roads and Maritime is investigating this work as part of the stage two road upgrades. At this stage of the design development the strategic design has identified a new connection at Aquatic Drive and Wakehurst Parkway.
	Install no left turn signs (excluding emergency vehicles) off Forest Way for traffic heading south towards Warringah Road at Wearden Road, Prince Charles Road and Adams Street to reduce peak hour congestion for local traffic and emergency vehicles and rat running on the minor local roads leading to the hospital.	It is not the intent of the proposal to restrict access unnecessarily to local roads from Forest Way.
	Include an underpass or overpass at Hilmer Street to allow full turning movements in and out of the hospital without stopping Warringah Road through traffic.	Roads and Maritime is proposing to widen and upgrade Warringah Road and provide an underpass for east-west through traffic at the intersections of Forest Way/Warringah Road, Hilmer Street/Warringah Road and Wakehurst Parkway/Warringah Road, and other intersection improvements.

Issue category	Issues raised	Roads and Maritime response
Noise and vibration	<p>Residents living on Frenchs Forest Road East and West were worried about the impact widening would have on their properties in terms of noise and safety. Although Roads and Maritime explained that full or partial property acquisition was unlikely on this road, there was a perception that traffic noise would increase and traffic would be physically closer to the front of their homes.</p>	<p>Noise impact assessments will be carried out as part of the detailed design development and environmental impact assessment for both stages of the project. This process will establish the anticipated increase in noise due to the road upgrades and suitable noise mitigation measures will be identified as part of the overall scope of works.</p>
	<p>Direct traffic onto the major arterial roads (Wakehurst Parkway, Warringah Road and Forest Way) and add through traffic calming measures to make Frenchs Forest Road East and West a local street and to avoid rat running.</p>	<p>The project objective is to reduce congestion on the arterial roads, particularly Warringah Road, Wakehurst Parkway and Forest Way. Hence, some significant engineering treatments are being proposed by Roads and Maritime. The upgrades would improve travel times and reliability along the arterial roads which would encourage motorists to use them rather than rat running along local roads. New traffic lights at the intersections of Frenchs Forest Road West and Rabbett Street, as well as Frenchs Forest Road East and Romford Road and Patanga Road, may have the desired effect of reducing rat running.</p>
	<p>Upon completion, if slots are used at the major intersections, noise barriers should be considered for nearby residents as traffic volumes, speeds and traffic noise will increase.</p>	<p>Noise impact assessments will be carried out as part of the detailed design development and environmental impact assessment for both stages of the project. This process will establish the anticipated increase in noise due to the road upgrades and suitable noise mitigation measures will be identified as part of the overall scope of works.</p>
	<p>What noise mitigation will be carried out during construction to reduce impacts on the Forest High School students?</p>	<p>A working group has been established including representatives from the Forest High School, Health Infrastructure, Roads and Maritime and the Department of Education. The group meets monthly at the school to ensure issues are considered and possible solutions are investigated. These concerns will be addressed as the development of the road upgrades progresses. Reduction of noise impacts is also a requirement outlined in the Director-General's requirements to be assessed as part of the environmental impact assessment.</p>

Issue category	Issues raised	Roads and Maritime response
Environment	Residents are concerned that the air quality will reduce.	Possible impacts to air quality will be assessed as part of the environmental impact assessment process and any measures deemed appropriate will be considered where possible. This will include both during construction and in the operation of the road network once the road upgrades are in place.
	Residents want more green space and bike paths in the area.	The complementary landscaping solutions as an integral part of the road design will be an important consideration of the urban design and visual impact assessment which is a key input into the environmental impact assessment. A shared path in accordance with Warringah Council bike plan would be provided along Warringah Road as part of stage two road upgrades.
	Residents are concerned that the Duffys Forest will be reduced in size.	The proposed road upgrades are aimed at providing increased capacity to the existing road network, primarily along Warringah Road, Forest Way, Wakehurst Parkway and Frenchs Forest Road. With Duffys Forest being adjacent to several sections of these roads it is inevitable that there will be some impact. Wherever possible the impact to Duffys Forest will be minimised. It is also a requirement of the Office of Environment and Heritage (OEH) for Roads and Maritime to identify and secure suitable offsets by way of compensating for any area of Duffys Forest impacted by the road upgrades.
	Residents are concerned that the wildlife living in the hospital site will be destroyed	The impact on wildlife on the Northern Beaches Hospital site as a result of the hospital works is covered in the environmental impact assessment undertaken separately by the Northern Beaches Hospital proponent.

Issue category	Issues raised	Roads and Maritime response
Construction	Residents are concerned about the potential traffic chaos during simultaneous construction periods of the hospital and road upgrades.	The staging of the construction works for both the road upgrades and the hospital will be a critical phase of construction planning. Detailed construction traffic management plans will be developed for key phases of the project and these will be closely monitored during their implementation to make sure that these are effective. These plans will consider all road users of the road network and also construction traffic associated with the road upgrades and hospital construction.
	Residents are concerned about large trucks and diggers negotiating narrow suburban streets during construction.	Detailed construction traffic management plans will be developed for key phases of the project and these will be closely monitored during their implementation to make sure that these are effective. These plans will consider all road users using the road network and construction traffic associated with the road upgrades accessing construction sites. Wherever possible construction traffic would access the construction sites directly from the arterial roads and not via local roads.
	Residents want to know what parking will be provided to construction workers during construction and where the site depots will be located.	Details regarding the location of parking for construction workers associated with the construction of the road upgrades will be carefully considered and incorporated into the detailed planning of the construction zones and construction traffic management plans. A site compound to be used for the duration of construction works for the project has also been identified and is located at the corner of Allambie Road at Aquatic Drive.
	Residents are concerned about the noise and pollution impacts to The Forest High School and local residents during construction.	A working group has been established including representatives from the Forest High School, Health Infrastructure, Roads and Maritime and the Department of Education. The group meets monthly at the school to ensure their issues are considered and possible solutions are investigated. Concerns will be addressed as the development of the road upgrades progresses. Reduction of noise impacts is also a requirement outlined in the Director-General's requirements to be assessed as part of the environmental impact assessment.

Issue category	Issues raised	Roads and Maritime response
Road safety	Install speed humps or reduce the road width at Adams and Rabbett Streets to improve safety for motorists.	Any traffic management measures required to mitigate impacts of the proposal on side streets are to be investigated in consultation with Warringah Council.
	Close Frenchs Forest Road East at Warringah Road to all vehicles apart from buses and emergency vehicles to remove safety risk at Skyline shops.	There is no proposal to close Frenchs Forest Road East at Warringah Road as part of the proposal. Any potential road safety issues at Skyline Shops would be considered in the design of the stage one road upgrades and access to side streets restricted to enhance traffic safety and flow.
	Widening and increasing traffic volume on Frenchs Forest Road East will cause increased safety problems especially at Skyline Shops and Romford Road.	Any potential road safety issues along Frenchs Forest Road East would be considered in the design of the stage one road upgrades.
	The Rabbett Street roundabout is ignored by motorists during peak times. Motorists speed through without giving way and it is also hard for buses to negotiate.	New traffic lights will replace the roundabout at the intersection of Naree Road and Rabbett Street as part of the stage one road upgrades. A concept design for the stage one road upgrades will go on display in July 2014 for public comment.
	Upgrade the Naree Road and Forest Way intersection and install traffic lights to improve safety.	The Naree Road and Forest Way intersection will be upgraded and new traffic lights installed as part of the stage one road upgrades. A concept design for the stage one road upgrades will go on display in July 2014 for public comment.
	Lengthen the clear zone on Frenchs Forest Road West opposite the new Northern Beaches Hospital site.	Detailed traffic management measures are to be considered further in the detailed design for the proposal for the stage one road upgrades. It is more than likely the existing clear zone restrictions at this location would be retained.
Staging and completion of stages one and two road upgrades	Both stages of the road upgrades need to be completed when the new Northern Beaches Hospital opens in 2018.	The NSW Government will invest \$400 million in road upgrades around the proposed Northern Beaches Hospital with works scheduled to be completed in time for the Hospital opening. These upgrades will provide customers with a better travelling experience by car or bus, increase the capacity of the road network and improve access through the precinct.
Flooding on Wakehurst Parkway	What is to be done about flooding on Wakehurst Parkway?	Roads and Maritime is investigating options to reduce the impact of flooding on Wakehurst Parkway in parallel with the planning for the Northern Beaches Hospital road upgrades.

Issue category	Issues raised	Roads and Maritime response
Other issues out of scope	Remove two intersections (Gladys Avenue and Bluegum Crescent) with Frenchs Forest Road West closest to the Northern Beaches Hospital site to minimise traffic disruptions.	Gladys Avenue cannot be closed as this is a cul-de-sac. The access to and from the eastern leg of Bluegum Crescent would be restricted to just left-in and left-out only as part of the stage one road upgrades. Access to the other half of Bluegum Crescent would be retained without any changes. A concept design for the stage one road upgrades will go on display in July 2014 for public comment.
	Close off the Cobb Street and Frenchs Forest Road West intersection and reopen the Cobb and Epping Road intersection. This will permit access to Cobb Street, Gidya Street and Sylvia Place.	This is outside the scope of the Northern Beaches Hospital road upgrades project and the proposed works do not meet the project objectives to provide connectivity to the new hospital precinct.
	Adams Street traffic lights do nothing to deter rat runners or improve traffic flow. They are considered only to have destroyed the residential amenity of Adams Street.	This is outside the scope of the Northern Beaches Hospital road upgrades project.
	Replace the Allambie Road/Rodborough Park roundabout with traffic lights as wait times in peak hours are extensive.	The strategic design prepared for the stage two road upgrades proposes to retain the roundabout at this location for traffic management purposes. Further investigation would be carried out to finalise the extent and scope of work required on Allambie Road and Rodborough Road to support the stage two road upgrades.
	Block Rabbett Street on the north side of the current roundabout at the intersection of Rabbett Street, Naree Road and Frenchs Forest Road West.	It is not the intent of the proposal to restrict access unnecessarily to local roads from Forest Way.
	Upgrade or open up access at the following roads: <ul style="list-style-type: none"> • Mona Vale Road, Mona Vale • Wakehurst Parkway from Narrabeen to Seaforth • Oxford Falls Road • Morgan Road, Belrose • Open Corymbia Circuit to connect with Wakehurst Parkway • Open Peppercorn Drive to connect with Wakehurst Parkway • Make improvements along Forest Way to Roseville Bridge to ease congestion • Widen Wakehurst Parkway 	These suggestions are outside the scope of the Northern Beaches Hospital road upgrades project. However, Roads and Maritime is proposing to upgrade Mona Vale Road from two lanes to four lanes between Terrey Hills and Mona Vale. The upgrades are being planned in stages and are aimed at improving safety and traffic efficiency.

4.0 Next steps

The NSW Government is planning to invest \$400 million in road upgrades around the proposed Northern Beaches Hospital with works scheduled to be completed in time for the hospital opening. These upgrades will provide customers with a better travelling experience by car or bus, increase the capacity of the road network and improve access through the precinct.

Roads and Maritime Services is delivering the road upgrades in two stages:

- Stage one will provide essential access for the Northern Beaches Hospital
- Stage two will help increase capacity of the road network and reduce congestion.

Roads and Maritime has developed a concept design for stage one and a strategic design for stage two and will seek feedback from the community in July 2014.

Appendix A – Community update – March 2014

Q. What types of work will be completed and when will connectivity enhancement work start?
Road widening, intersection upgrades, new pedestrian bridges and bus priority lanes are all options being considered to ensure the road network operates to service the new hospital and reduce congestion. Details of the proposed upgrades are available on the Planning and Infrastructure website and Roads and Maritime project page.

Q. Will there be property impacts in my street?
There may be property impacts to a number of streets where potential roadworks are proposed. The property impacts may include property acquisition and/or property adjustments. It is too early to identify the extent of the property impacts, however, Roads and Maritime will work closely with the community to minimise any impacts.

Q. Will Roads and Maritime consult with local businesses and schools and bus operators to ensure upgrade work does not impact on my community?

Extensive consultation is underway with stakeholders including meetings, door knocking, community updates and community information sessions with all feedback informing the project as it develops.

Other road upgrades under way in Sydney's northern suburbs

Narrabehn Bridge pedestrian safety upgrade

Roads and Maritime has carried out work to install pedestrian fencing on both sides of Narrabehn Bridge to separate pedestrians and cyclists from lanes of traffic and improve safety for all road users. Upgrade work started in February 2014 and was recently completed.

Wakehurst Parkway

Options to reduce the impact of flooding on the Wakehurst Parkway access to the hospital are being investigated in parallel with the hospital road upgrade work planning. Roads and Maritime is also carrying out planning for an extension of the southbound left turn lane into Frenchs Forest Road to improve traffic flow and safety for all road users.

Mona Vale Road widening and safety work

The preferred route for the upgrade of the 3.2km section between McCarrs Creek Road at Tenney Hills and Fowler Works Road at Ingleside was announced in August 2013. Planning is also under way for the upgrade of Mona Vale Road to four lanes between Manor Road at Ingleside and Foley Street at Mona Vale with consultation expected to start later this year. Work to develop concept designs, carry out geotechnical investigations and environmental assessments is under way.

Work to improve safety including new speed limit signs, improved signs on the steep descent and installed warning signs on the approach to the Ponderosa Parade/Samuel Street roundabout was completed in January this year after a fatal crash involving a tanker. Early work to widen Mona Vale Road around the Ponderosa Parade and Samuel Street roundabout to improve overtaking opportunities is expected to be carried out from June this year. Work would include tree trimming, removal and replacement of signage before widening work and line marking starts.

Mona Vale Road Clearways

The Sydney Clearways Strategy identified Mona Vale Road, from Pacific Highway, Pymble, to Kitchener Street, St Ives, as a priority project for the introduction of a clearway to manage congestion. Roads and Maritime is carrying out consultation on a clearway proposal along Mona Vale Road in both directions on weekdays from 6am to 10am and 3pm to 7pm, and on weekends from 9am to 6pm.

Further information

For further information about the project, please contact the Roads and Maritime project team or visit the project web page.
Phone: 1300 367 459
Email: rbroadwork@rms.nsw.gov.au
Web: rms.nsw.gov.au/roadprojects and search for Northern Beaches Hospital



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RMS 14/02

Community Update

Transport
Roads & Maritime
Services

MARCH 2014

Northern Beaches Hospital – Connectivity and network enhancements

The project

The NSW Government is building the Northern Beaches Hospital, a world class health facility at Frenchs Forest which will utilise leading technologies to deliver the highest quality care.

The hospital will provide the people of the Northern Beaches with a modern purpose built facility providing surgical, medical, paediatric, obstetric and inpatient mental health services, a large emergency department and state-of-the-art digital technologies.

The facility will also be a centre of clinical excellence. The NSW Government is working to develop road upgrades to improve traffic flow and increase capacity on the road network in time for the opening of the Northern Beaches Hospital in 2018.

The hospital will be located close to Warringah Road, Forest Way and Wakehurst Parkway which are major arterial roads serving Sydney's northern suburbs. During the two hour morning peak period, an additional 900 vehicles are anticipated due to the opening of the hospital and planning is focusing on reducing congestion on the major arterial roads in this area.

The upgrades aim to provide customers with a better travelling experience and improve capacity on the road network around the hospital precinct.

Road widening, intersection upgrades, new pedestrian bridges and bus priority lanes are all options being considered to ensure the road network operates effectively to service the new hospital and reduce congestion.

Roads and Maritime will work with Warringah Council and the community to investigate and plan for the upgrades with regular updates for the community and stakeholders throughout the project. The community will be invited to give comment at key stages of the upgrade.

Roads and Maritime expects to complete road works to improve connectivity in time for the expected hospital opening in 2018, with further improvements to follow.

What's happening now?

Roads and Maritime has submitted an application to initiate the planning approval process for the upgrades to the road network around the proposed hospital through a staged infrastructure application for state significant infrastructure.

The application details road works to improve connectivity to the hospital with further planning to be carried out to address broader road network enhancement requirements. The network enhancement represents a first concept and is subject to change as we work with the community. A separate environmental assessment will be prepared seeking approval for the network enhancement work.

The application can be found on the Planning and Infrastructure's major projects website at majorprojects.planning.nsw.gov.au. There will be future opportunities to provide feedback.

Roads and Maritime is continuing investigations around Frenchs Forest Road, Wakehurst Parkway and Forest Way at Frenchs Forest.



Community involvement

Roads and Maritime will provide information and involve the community during the planning of the road upgrades. Information will be provided through community updates, advertisements, letters, community information sessions and website updates. Feedback will be invited through these channels and community information sessions and community displays. You can email the Roads and Maritime project team on rbroadwork@rms.nsw.gov.au and ask to be added to the stakeholder list to ensure you receive up-to-date information.

Consultation process



Frequently asked questions

Q. What is a state significant infrastructure application?

A specific assessment system has been created in the Environmental Planning and Assessment Act to consider planning decisions on projects classified as State Significant Infrastructure (SSI). Major infrastructure proposals, in particular linear infrastructure projects such as roads, railway lines or pipes which often cross a number of council boundaries, may be considered as SSI. SSI projects are assessed by Planning and Infrastructure, with input sought from local government, other NSW Government agencies and the community as part of the assessment process.

Q. Which sections of road are proposed to be upgraded as part of the connectivity works?

- Frenchs Forest Road East and West
- Wakehurst Parkway north of Warringah Road
- Warringah Road east of Allambie Road
- The Palanga and Allambie Road intersection
- Allambie Road north of Warringah Road
- The intersection of the Allambie Road and Warringah Road
- The Narwe Road and Forest Way intersection
- Forest Way from Rabbett Street to Adams Street

Q. Which roads may be upgraded as part of the broader network enhancement works?

The community will be informed as potential upgrades are developed. The upgrade may include:

- Potential widening and upgrades along Warringah Road
 - Potential widening of Allambie Road south of Warringah Road
 - Potential for through traffic on Warringah Road to be separated from turning traffic at Forest Way by way of an underpass or overpass
 - Potential for through traffic on Warringah Road to be separated from turning traffic at Wakehurst Parkway by way of an underpass or overpass
 - Potentially connecting Aquatic Drive with Wakehurst Parkway
 - Potentially providing access to the hospital via the intersection of Warringah Road and Himer Street
- Following further investigation, Roads and Maritime will advise the community of the sections of road being considered.

Appendix B – Community update – community information sessions

Community Update



APRIL 2014

Community information sessions – road upgrades for the Northern Beaches Hospital

The NSW Government is building the Northern Beaches Hospital, a world class health facility at Frenchs Forest which will utilise leading technologies to deliver the highest quality care.

Roads and Maritime Services is working to develop road upgrades to improve traffic flow and increase capacity on the network. The stage one road upgrades will be in place to provide access to the Hospital when it opens in 2018 with further improvements to follow.

Roads and Maritime has submitted an application to start the planning approval process for the upgrades to the road network around the hospital through a staged infrastructure application for state significant infrastructure. The application can be viewed on the NSW Planning and Infrastructure's website at www.planning.nsw.gov.au/northernbeacheshospital

The application details works to improve road connections to the hospital with further planning to be carried out to address broader road network enhancement requirements. The stage two network enhancements are an initial concept which is subject to change as we work with the community. A separate environmental assessment will be prepared seeking approval for the stage two work.

Roads and Maritime is seeking feedback from the community to help guide future concept designs. Roads and Maritime will undertake further consultation with the community at critical points throughout the project.

Roads and Maritime is also continuing environmental and surveying investigations around Frenchs Forest Road, Wakehurst Parkway and Forest Way at Frenchs Forest as part of broader upgrade work.

What's happening now?

Roads and Maritime invites the public to drop in and ask questions at three community information sessions.

A formal presentation will not be given, so please feel free to drop in at any time during the sessions.

- Tuesday 8 April from 4pm to 8pm at Frenchs Forest Public School on Ann Street in the School Assembly Hall. Please enter the school grounds through the pedestrian gate next to Sorlie Place.
- Wednesday 9 April from 4pm to 8pm at Frenchs Forest Public School on Ann Street in the School Assembly Hall. Please enter the school grounds through the pedestrian gate next to Sorlie Place.
- Saturday 12 April from 10am to 2pm at Forestville Memorial Hall, corner Starkey Street and Warringah Road at Forestville.

For further enquiries: Northern Beaches Hospital – road connectivity and network enhancements project team

T 1300 367 459 | E nbhroadwork@rms.nsw.gov.au | www.rms.nsw.gov.au/roadprojects and search for Northern Beaches Hospital

Appendix C – Reminder flyer – community information sessions



Community information session

Road upgrades for the Northern Beaches Hospital

The NSW Government is building the Northern Beaches Hospital, a world class health facility at Frenchs Forest which will use leading technologies to deliver the highest quality care.

Roads and Maritime Services is working to develop road upgrades to improve traffic flow and increase capacity on the road network. Roads and Maritime expects to complete road works to improve connectivity in time for the expected opening of the Northern Beaches Hospital in 2018 with further improvements to follow.

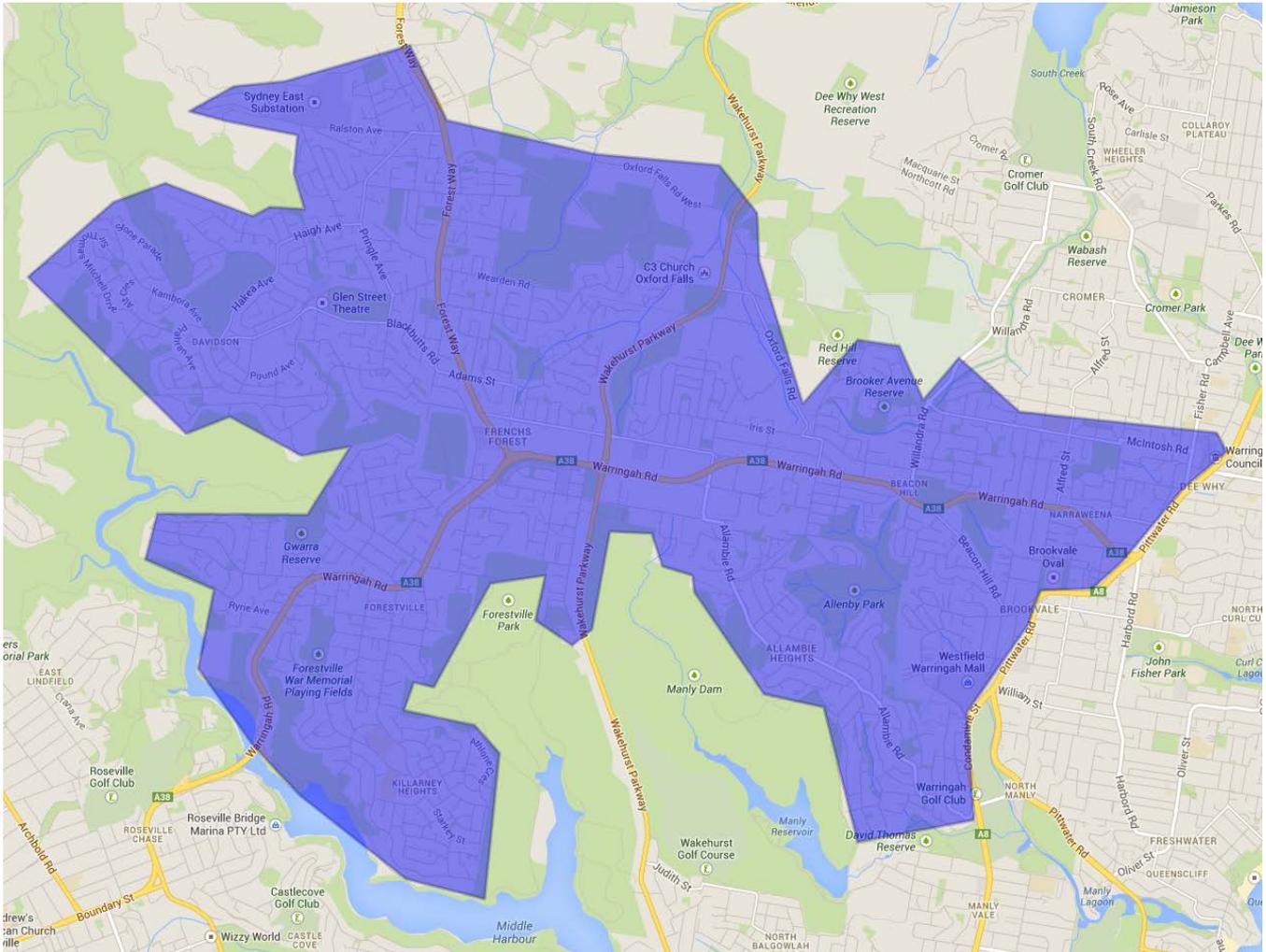
Roads and Maritime invites the public to drop in and ask questions at a community information session. A formal presentation will not be given, so please feel free to drop in at any time during the session.

- **Saturday 12 April from 10am to 2pm** at Forestville Memorial Hall, corner Starkey Street and Warringah Road at Forestville.

We look forward to seeing you there.

rms.nsw.gov.au | 1300 367 459 | nbhroadwork@rms.nsw.gov.au

Appendix D – Distribution zones for community updates



Appendix E – Project webpage

Sydney region

- ▶ Bus priority program
- ▼ Northern Sydney
 - ▶ Boundary Street upgrade
 - ▶ Castlecrag intersection investigations
 - ▶ Fullers Road
 - ▶ James Ruse Drive
 - ▶ Lane Cove Road Clearways
 - ▶ Mona Vale Road
 - ▶ Mona Vale Road Clearway
 - ▶ Mona Vale to Macquarie Park Corridor Strategy
 - ▶ **Northern Beaches Hospital: Connectivity, network enhancement**
 - ▶ Frequently asked questions
 - ▶ Project documents
 - ▶ Northern beaches wildlife roadkill
 - ▶ Pennant Hills Road
 - ▶ Showground Road upgrade at Castle Hill
 - ▶ Spit/Military roads corridor
 - ▶ Tarban Creek Bridge
 - ▶ Windsor Bridge upgrade
- ▶ Outer West and Blue Mountains
- ▶ Southern Sydney
- ▶ South West Sydney
- ▶ Sydney City Centre Access Strategy
- ▶ Western Sydney
- ▶ Pinch point initiatives

Northern Beaches Hospital – Connectivity and network enhancements



VIEW FROM NORTH WEST

Concept design only, view from North West.

The project

The NSW Government is building the Northern Beaches Hospital, a world class health facility at Frenchs Forest which will utilise leading technologies to deliver the highest quality care.

The hospital will provide the people of the Northern Beaches with a modern purpose built facility providing surgical, medical, paediatric, obstetric and inpatient mental health services, a large emergency department and state-of-the-art digital technologies.

The facility will also be a centre of clinical excellence.

The NSW Government is working to develop road upgrades to improve traffic flow and increase capacity on the road network in time for the opening of the Northern Beaches Hospital in 2018.

The hospital will be located close to Warringah Road, Forest Way and Wakehurst Parkway which are major arterial roads serving Sydney's northern suburbs.

During the two hour morning peak period, an additional 900 vehicles are anticipated due to the opening of the hospital and planning is focusing on reducing congestion on the major arterial roads in this area.

The upgrades aim to provide customers with a better travelling experience and improve capacity on the road network around the hospital precinct.

Road widening, intersection upgrades, new pedestrian bridges and bus priority lanes are all options being considered to ensure the road network operates effectively to service the new hospital and reduce congestion.

Roads and Maritime will work with Warringah Council and the community to investigate and plan for the upgrades with regular updates for the community and stakeholders throughout the project. The community will be invited to give comment at key stages of the upgrade.